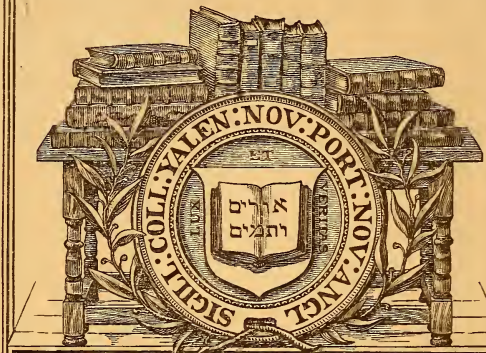
PRESCRIBER'S PHARMACOPŒIA



"I give these Books
for the founding of a College in this Colony"

·YALE·UNIVERSITY·
· LIBRARY ·

Gift of the
New Haven Medical Association

1918

W.F.MEPEDN.1929.

TRANSFERRED TO
YALE MEDICAL LIBRARY

T.M.Bishop.

T.M.Bishop.

T.M.Bishop.

Digitized by the Internet Archive
in 2012 with funding from
Open Knowledge Commons and Yale University, Cushing/Whitney Medical Library

http://www.archive.org/details/prescriberspharm00cock

T. M. Bishop.

THE

PRESCRIBER'S

PHARMACOPŒIA:

CONTAINING

ALL THE MEDICINES

IN

The London Pharmacopœia,

ARRANGED IN CLASSES ACCORDING TO THEIR ACTION, WITH THEIR COMPOSITION AND DOSES.

BY A PRACTISING PHYSICIAN.

Altered to correspond with the U. S. Dispensatory

REVISED WITH ADDITIONS.

THIRD AMERICAN FROM THE FOURTH LONDON EDITION.

BY THOMAS F. COCK, M.D.

NEW YORK:
SAMUEL S. & WILLIAM WOOD,
No. 261 Pearl Street.
1853.

Entered, according to Act of Congress, in the Year 1853,
BY S. S. AND W. WOOD,
In the Clerk's Office of the District Court, for the
Southern District of New York.

R. CRAIGHEAD, PRINTER,
53 *Vesey Street, N. Y*

TO

JOHN CONOLLY, M.D.

RESIDENT PHYSICIAN OF THE HANWELL ASYLUM.

In sincere admiration and grateful acknowledgment of his noble and successful efforts to ameliorate the condition of the poor Lunatic, by the substitution of a rational system of moral discipline for mechanical restraint, and parental care and kindness for violence and brute force, this little Work is, on public grounds, inscribed

BY

THE AUTHOR.

ADVERTISEMENT

TO THE FOURTH EDITION.

This slight production has been received by Practitioners with so much favor, evidenced by the sale of three large editions, that it is unnecessary to enter into any new details respecting its nature and objects. These will be found briefly explained in the Advertisement to the First Edition, which is here reprinted.

The present edition has been remodelled in accordance with the new edition of the 'London Pharmacopœia (1851),' and the whole of its contents have been otherwise carefully examined and corrected. It is not doubted that the little volume now respectfully presented to the members of the profession in actual practice, will be found even more useful than in its previous editions.

ADVERTISEMENT
TO THE THIRD EDITION.

The singular favor shown by the profession to this little work, evinced by the rapid sale of two large editions, makes it especially incumbent on the Editor to lose no opportunity of adding to its unpretending merits.

The present Edition has been carefully revised. Some errors found to exist in the former have been corrected: and several not unimportant additions have been made in various parts of it. It is therefore hoped that, in the condition in which it now appears, it will be found still more deserving the patronage of those for whom it is intended.

Dec. 15 1844.

*

ADVERTISEMENT

TO THE SECOND EDITION.

The very favorable reception which this little work has received from the profession, evinced by the exhaustion of a large impression within the year, has satisfactorily proved the justness of the author's opinion, that it was wanted, and would be useful. It is hoped that the present Edition, improved as it is in several respects, will be found still more completely to fulfil its object. In preparing it for the press, care has been taken to correct and amend some defects which were discovered on a close examination. Numerous additions have been made, and several changes have been adopted in the plan and arrangement, which will render the work stlll more useful. The principal of these are the following:

1. The arrangement of the different CLASSES of Medicines in alphabetical order, as well as the individual articles in each class.

2. The separation, under a distinct head, of the external and chirurgical remedies from those for internal use.

3. The addition, in an Appendix, of many useful Tables.

4. The reduction of all the weights and measures (with one or two trifling exceptions) to the same denomination, or at least to the same class of signs, viz. grains, scruples, drachms, ounces (gr., ℈, ʒ, ℥); the measures of pint and gallon (O. cong.) being now rendered in ounces.

It has been thought unnecessary to prefix the *f* (*fluid*) to the ℥ and ʒ when representing *measured* quantities, as the omission can lead to no mistake, every one knowing that solids are weighed, and fluids measured.

N.B. In stating the *composition* of medicines, the exact *quantities* given in the Pharmacopœia have not always been retained, but the *proportions* only.

Nov. 1, 1842.

ADVERTISEMENT

TO THE FIRST EDITION.

As this little work had its origin in a want daily experienced by the compiler in his practice, he believes that it will be useful to a numerous class of practitioners who possess a memory of the same general character as his own. He has always had great difficulty in calling to mind, at will, a number of heterogeneous particulars which had not been originally contemplated in a systematic order, although he might be well acquainted with them individually. This difficulty he has often painfully experienced when attempting to pass in review the various drugs and officinal formulæ suited to fulfil any special indication that presented itself in the treatment of a disease: and he has frequently witnessed, in the practice of others, a barrenness of prescription and a consequent confined range of resources, ori-

ginating in the same cause, which could not fail to be injurious to the patient and the reputation of the physician. It is expected that the habit of viewing the articles of the Materia Medica in some such order as that adopted in the present compilation, will tend, in some degree at least, to remedy these evils.

It is further believed that practitioners, from forgetfulness of the officinal preparations, are often led to prescribe extemporaneous formulæ while there exist better substitutes in the Pharmacopœia; and it is hoped that the marshalling together all the various compound forms of medicine under the title of the main ingredient, as in these tables, will at once facilitâte and simplify the labors of the prescriber.

It is not pretended that the classification of medicines here adopted is even moderately accurate. One perfectly accurate is impossible. All that is intended or hoped for is an arrangement that will allow such a division of the substances as may be at once simple and practically useful. No attempt at scientific refinement in classification has been made. All the older and more common divisions and terms have been retained, as likely to be best understood and best remembered; and no effort has been made

to prevent the repetition of the same medicines in different sections of the classification.

Perhaps in a work of such slight pretensions as this, it is hardly necessary to advert to the sources whence its materials are derived. It may, however, be as well to state that wherever the Pharmacopœia and his own knowledge failed him, the author confidently turned to the inexhaustible store provided in Dr. Pereira's Elements of Materia Medica. In minor matters he has also benefited by the excellent compendium of Dr. Lane.

It will, perhaps, be remarked that the doses of medicines are, in many instances, below the usual standard—at least in their minor term. This is not unintentional; as the author is of opinion that the general habit of practitioners in this country is to prescribe medicines in doses not merely unnecessarily but injuriously large.

May, 1841.

ADVERTISEMENT

TO THE THIRD AMERICAN EDITION.

The present edition, from the third London, has been carefully compared with the 9th edition of the U. S. Dispensatory by Wood and Bache, and the formulæ altered to correspond with those given in it. In some instances the formulæ of the London Dispensatory have been retained, where new ones have not been ordered in our standard. The *uses* of medicines have been introduced to supply what appeared a defect in the London edition. Some additions have been made to the present edition, which will, it is hoped, add to its value.

T. F. C.

CONTENTS.

PART I.

Remedies for Internal Use.

	Page
ACIDS (Antalkalines)	17
ALKALINE REMEDIES (Antacids)	18
ALTERATIVES, DEOBSTRUENTS	21
ANTHELMINTICS	27
ANTISPASMODICS	29
AROMATICS, AROMATIC STIMULANTS	34
AROMATIC STIMULANT BITTERS	38
ASTRINGENTS	42
CARMINATIVES	49
DIAPHORETICS	53
DILUENTS, DEMULCENTS	56
DIURETICS	59
EMETICS	66
EMMENAGOGUES	68
ERRHINES	70
EXPECTORANTS	ib.
NARCOTICS, SEDATIVES	73
PURGATIVES	83
REFRIGERANTS	96
SIALOGOGUES, MASTICATORIES	100
STIMULANTS	ib.
TONICS (Mineral)	109
TONICS (Vegetable)	114

PART II

For External and Local Use.

Page
CATAPLASMATA (Poultices) - - - - - - 119
CAUSTICA (Escharotica) - - - - - - - 120
CERATA (Ointments) - - - - - - - - - 122
EMPLASTRA (Plasters) - - - - - - - 126
ENEMATA (Injections) - - - - - - - - 128
METHODUS ENDERMICUS - - - - - - 129
GARGARISMATA (Gargles) - - - - - - ib.
LINIMENTA (Liniments) - - - - - - - 131
MOXAS - - - - - - - - - - - - - - - 121
PULVERES (Powders) - - - - - - - - 134
UNGUENTA (Ointments) - - - - - - - 122
INHALATION - - - - - - - - - - - - 134

PART III.

POISONS AND COUNTERPOISONS - - 136
TEMPERATURE OF BATHS - - - - - - 141
PROPORTION OF OPIUM, &c. - - - - - 142
DOSES ACCORDING TO AGE - - - - - 143
MINERAL WATERS - - - - - - - - - 144
SALINE DRAUGHTS - - - - - - - - - 149
PROPRIETARY MEDICINES - - - - - 151
DIET FOR THE SICK - - - - - - - - 159
APPENDIX - - - - - - - - - - - - - 151
INDEX - - - - - - - - - - - - - - - 171

WEIGHTS AND MEASURES

USED IN MEDICINE.

WEIGHTS.

Pound.	Ounce.	Drachm.	Scruple.	Grain.
1 =	12 =	96 =	288 =	5760
	1 =	8 =	24 =	480
		1 =	3 =	60
			1 =	20

MEASURES.

Gall.	Pint.	Ounce.	Drachm.	Minim.	Imp. grains.
1 =	8 =	160 =	1280 =	76800 =	70000
	1 =	20 =	160 =	9600 =	8750
		1 =	8 =	480 =	437·5
			1 =	60 =	54·7
				1 =	0·91

MEASURES, U. S. AND DUB.

The foregoing table of Measures (the Imperial) is used by the London and Edinburgh Colleges. The U. S. and Dublin adopt the following.

	Gall.	Pints.	f oz.	f drachms.	Minims.
Cong.	1 =	8 =	128 =	1024 =	61440
	O.1 =	16 =	128 =	7680
		f℥1 =	8 =	480
			f℥1 =	♏60

DOMESTIC MEASURES.

A Teacup	is estimated	to contain	f℥iv.
A Wineglass	"	"	f℥ij.
A Tablespoon	"	"	f℥ss.
A Teaspoon	"	"	f℥j.

T. H. Bishop.

THE

Prescriber's Pharmacopoeia.

PART I.

Acids. (*Antalkalines.*)

ACETUM DESTILLATUM. (See REFRIGERANTS.)

ACIDUM ACETICUM. (REFRIGERANTS.)

ACIDUM ACETICUM DILUTUM. (REFRIGERANTS.)

ACIDUM CITRICUM. (REFRIGERANTS.)

ACIDUM HYDROCHLORICUM DILUTUM. (TONICS.)

ACIDUM NITRICUM DILUTUM. (TONICS.)

ACIDUM SULPHURICUM DILUTUM. (TONICS.)

ACIDUM TARTARICUM. (REFRIGERANTS.)

Alkaline Remedies. (*Antacids.*)

Use. To correct excess of acidity in primæ viæ. To correct acidity in urine.

AMMONIA.

1. Liquor Ammoniæ. (Aqua Ammoniæ.) (Stimulants.)

Dose. ♏v–xx (in watery vehicles.)

Use. When a stimulant and antacid effect is desired—not if inflammatory tendency.

2. Ammoniæ Sesquicarbonas. (Olim A. Subcarbonas.)

Dose. Gr. ij–x, in pill or liquid. (Stimulants.)

Liquor Ammoniæ Sesquicarbonatis.

Comp. Am. sesquicarb. ℥iv, water f℥xx. (Stimulants.)

Dose. f℥ss–j.

a. Spiritus Ammoniæ Aromaticus. } Stimulants.
b. Spiritus Ammoniæ Fœtidus. } Antispasmodics.

CALX. (Calx recens. Rarely used in medicine.)

1. Liquor Calcis. (Lime water.)

Comp. A saturated solution. 11½ grs. in the pint of water at 60°.

Dose. f℥ij–vj (with milk.)

2. Creta Præparata. (Chalk purified by water.)

Dose. Gr. x–ʒj.

3. Pulvis Cretæ compositus.

Comp. 12 chalk, 8 cinnamon, 6 tormentil, 6 acacia, 1 long pepper.

Dose. Gr. x–xx.
Use. In diarrhœa with acidity and without inflammatory symptoms.

4. Pulvis Cretæ compositus cum Opio.
Comp. 39 pulv. cret. comp. (No. 3) 1 opium.
Dose. Gr. v–ʒ ss. (¼ gr. opium in gr. x.)
Use. Same as above, but more efficacious.

5. Mistura Cretæ.
Comp. Chalk ℥ ss, sugar ʒ ij, gum arabic ʒ ij, cinnamon water and water āā f ℥ iv.
Dose. f ℥ ss–ij.
Use. In diarrhœa.

6. Testæ Præparatæ. (Prepared oyster shells.)
Dose. Gr. x–ʒ j.

CONFECTIO AROMATICA. (See Aromatics.)

MAGNESIA.

1. Magnesiæ Carbonas. (Olim Subcarbonas. Magnesia alba.) (Purgatives.)

2. Magnesia. (M. usta. Calcined M.)
Dose. Gr. v–xx (in aromatic water or milk.) Better as antacid than No. 1. (Purgatives.)
Use. As an antacid in dyspepsia, sick headache, rheumatism, gout. For children. For excess of uric acid. Gastrodynia.

POTASSA.

1. Liquor Potassæ.
Comp. Carb. potassæ ℔ j, lime ℔ ss, boiling distilled water 1 gall.
Use. In lepra, psoriasis and other cutaneous disorders. To correct acid state of urine.

Dose. ♏x–xxx. (In infus. aurant., beer, broth.)

[BRANDISH'S ALKALINE SOLUTION, is made by adding to a gallon of boiling water, pearlashes, ℥xij, quicklime and woodashes, of each ℥iv. It was given by the inventor in doses of ʒj to ʒiij in beer twice a-day.]

2. POTASSÆ CARBONAS. (Potassæ subcarb.)
Dose. Gr. v–x–xxx.

3. POTASSÆ BICARBONAS. (Potassæ carb.)
Dose. Gr. v–x–xxx.

4. LIQUOR POTASSÆ CARBONATIS.
Comp. Carb. pot. ℔j, water f℥xij.
Dose. ♏x–ʒj.

5. LIQUOR POTASSÆ EFFERVESCENS.
Comp. Bicarb. pot. ʒj, water f℥xx, carb. acid, q. s.
Dose. f℥iv, ad libitum.

SAPO. (Hard Soap. Soda and olive oil.)
Dose. Gr. v–xx (chiefly in combination.)

SODA.

Use. To correct too acid urine.

1. SODÆ CARBONAS. (Olim SODÆ SUBCARB.)
Dose. Gr. v–xxx.

2. SODÆ CARBONAS EXSICCATA. (Deprived of water of crystallization.)
Dose. Gr. iij–xv.

3. SODÆ SESQUICARBONAS. (Ol. SODÆ CARB.)
Dose. Gr. x–ʒj.

4. LIQUOR SODÆ EFFERVESCENS. (Soda water.)

Comp. Sesquicarb sod. ʒj, water f℥xx, carbonic acid q. s.
Dose. f℥iv, or ad libitum. (Better made by adding carb. sodæ (ʒj to f℥xx) to the common bottled soda water.

Alteratives. (*Deobstruents.*)

ANTIMONIUM? (See EMETICS and DIAPHORETICS.)

ARSENICUM. (See TONICS.)

BARII CHLORIDUM. (Muriate of baryta.)

1. LIQUOR BARII CHLORIDI.
Comp. Bar. chlor. ℥j, water f℥iij.
Dose. ♏v.
Use. In scrofula, cancer, painful ulcers, cutaneous eruptions.

BROMINIUM. (Bromine.)

Dose and Form. Gr. 1–16 to gr. ss, dissolved in water. (Rarely used.)

1. POTASSII BROMIDUM.
Dose. Gr. j–x, in pill or solution.
Use. In scrofulous tumours, bronchocele.

CALCII CHLORIDUM. (Muriate of Lime.) (See TONICS.)

1. LIQUOR CALCII CHLORIDI.
Comp. Marble in fragments ℥ix, acid hydrochl. Oj, aq. distill. q. s.
Dose. fʒss–fʒj.
Use. Tabes mesenterica, scrofulous affections.

GUAIACUM. (See DIAPHORETICS.)

Use. Secondary syphilis, cutaneous eruptions.

HYDRARGYRUM. (Mercury.) (See PURGATIVES.)

1. HYDRARGYRUM CUM CRETA.

Comp. 3 mercury, 5 chalk.

Dose. Gr. ij–v.

Use. Principally for children: in deficient biliary secretion: in infantile syphilis.

2. PILULÆ HYDRARGYRI.

Comp. Mercury ℥ j, confect. roses ℥ iss, liquorice ℥ ss.

Dose. Gr. j–v.

Use. A mild mercurial.

3. HYDRARGYRI CHLORIDUM. (Submurias. Calomel.)

Dose. Gr. ¼–j.

4. PILULÆ HYDRARGYRI CHLORIDI COMPOSITÆ. (Plummer's Pill.) Pilulæ Calomelanos Compositæ.

Comp. 1 calomel, 1 sulphuret of antimony, 1 treacle, 2 guaiacum (1 gr. calomel in grs. v.)

Dose. Gr. iij–v–x.

Use. Chronic rheumatism. Scaly eruptive diseases.

5. HYDRARGYRI BICHLORIDUM. (Oxymurias. Corrosive sublimate.)

Dose. Gr. $\frac{1}{16}$–$\frac{1}{8}$.

Use. Secondary syphilis, cutaneous diseases.

6. LIQUOR HYDRARGYRI BICHLORIDI.

Comp. Bichlor. of merc., hydrochlorate of ammonia, āā gr. x; water f ℥ xx.

Dose. ʒ ss–ij in mild liquids, e. g. linseed tea. (Gr. ss of hyd. bi. in ℥ j, gr. 1-16 in ʒj.)

7. Hydrargyri Iodidum.
Comp. Mercury ℥ j, iodine ʒ v, alcohol q. s.

8. Hydrargyri Ammonio-Chloridum.
Comp. Hyd. bichlorid. ℥ vj, aquæ ℥ vj, liq. ammoniæ ℥ viij. (White precipitate.)
Dose. Gr. j–iij.
Use. In scrofula and scrofulous syphilis.

Not to be given at the same time with Iodid. Potass.

9. Hydrargyri Biniodidum. (More energetic than No. 8.) (Hyd. Iodid. Rubrum.)
Comp. Cor. sub. ℥ i, iod. pot. ʒx, aq. dist. Oij.
Dose. Gr. 1-16–¼.
Use. Same as above.

10. Pilulæ Hydrargyri Iodidi.
Comp. 1 iodide of mercury, 1 ginger, 3 confection of rose. (1 gr. of iod. of merc. in gr. v.)
Dose. Gr. v–x.

11. Hydrargyri Bisulphuretum. (Cinnabar. Red sulphuret.)
Dose. (Rarely used internally.) For fumigation, ʒ ss.

12. Hydrargyri Nitrico-oxidum. Red Precipitate. (See Part II.)

13. Hydrargyri Sulphuretum cum Sulphure. (Black sulph., Æthiops mineral.)
Dose. Gr. v–xx.

14. Unguentum Hydrargyri fortius. (See Part II.)

15. Unguentum Hydrargyri mitius. (See Part II.)

16. Ceratum Hydrargyri compositum. (See Part II.)

17. Linimentum Hydrargyri compositum. (See Part II.)

18. Emplastrum Hydrargyri. (See Part II.)

19. Emplastrum Ammoniaci cum Hydrargyro. (See Part II.)

20. Unguentum Hydrargyri Nitratis. (See Part II.)

21. Unguentum Hydrargyri Nitrico-oxydi. (See Part II.)

22. Unguentum Hydrargyri Iodidi. (See Part II.)

23. Unguentum Hydrargyri Biniodidi. (See Part II.)

IODINIUM. (Iodine.)

Dose. Gr. ss–ij, in pills—for immediate use. (Rarely used in substance.)

1. Tinctura Iodinii composita.
Comp. Iod. ℥ ss, iod. of pot. ℥ j, alc. Oj.
Dose. ♏ v–ʒj (dilute when used).
Use. Mostly externally. Erysipelas, chilblains.

2. Iodidum Hydrargyri. (See Hydrarg.)

3. Biniodidum Hydrargyri. (See Hydrargyrum.)

4. Potassii Iodidum. (Hydriodas Potassæ.)

Dose. Gr. j–v–x–℈j.
Use. Scrofula, syphilitic rheumatism, strumous ophthalmia, secondary syphilis.

5. Liquor Potassii Iodidi compositus.
Comp. Iod. of potassium ℥iss, iodine ʒvj, water Oj.
Dose. ♏vj, containing iodine gr. ¼.

6. Lugol's Solution. Iodinii ℈j, iodid. potass. ℈ij, aqua f ʒ vij.

7. Plumbi Iodidum.
Dose. Gr. ¼–ij.
Use. For discussion of scrofulous tumours.

8. Unguentum Plumbi Iodidi. (See Part II.)

9. Unguentum Iodinii compositum. (See Part II.)

10. Unguentum Hydrargyri Iodidi. (See Part II.)

11. Unguentum Hydrargyri Biniodidi. (See Part II.)

12. Ferri Iodidum. (Iodide of iron.)
Dose. Gr. ij–x, in distilled water, or thick colourless syrup.

MORRHUÆ OLEUM. Oleum Jecoris Aselli. (Gadus Morrhuæ. Oil from the liver. Cod liver oil.)
Dose. ʒj–℥j, pure, or in any common vehicle. In Inf. Prun. Virgin., also in lemon juice, after bitter orange peel, in beer froth, in any bitter infusion.
Use. In chronic rheumatism, scrofulous ab-

scesses, caries of bones, phthisis, arthritis, strumous ophthalmia, obstinate cutaneous diseases, diabetes.

SARZA. (Smilax officinalis. Sarsaparilla. The root.)
Dose. ʒ ss–ij, in powder.

1. Decoctum Sarzæ.
Comp. Sarza ℥ ijss, water ℥ xl, boil to ℥ xx.
Dose. f ℥ iv–viij. (Usually with extract or syrup.)

2. Decoctum Sarzæ compositum. (Lisbon diet drink.)
Comp. Sarsap. ℥ vj, sassaf. guaiacum and liquorice each ℥ j, mezereon ʒ iij, aq. Oiv.
Dose. f ℥ iv–f ℥ vj, ter in die.
Use. In secondary syphilis.

3. Syrupus Sarzæ.
Comp. Decoct. sarzæ and sugar.
Dose. f ʒ iij–℥ j. (Of feeble power.)

4. Extractum Sarzæ. The watery extract.
Dose. ℈j–ʒ ij. (Rubbed down with water, flavoured with tinct. aurant. or volatile oil:—also made into pills.)

5. Syr. Sarsap. Comp. U. S.
Comp. Sarsap. ℔ ij, guaiac. ℥ iij, rose leaves, senna and liquorice root, each ℥ ij, ol. sassaf. and anisi, each ♏ v, ol. gaulth. ♏ iij, dil. alcohol Ox, sugar ℔ viij.
Dose. f ℥ ss.
Use. In syphilis, cutaneous eruptions, scrofula.

Anthelmintics.

ASPIDIUM. (Filix mas. The male Fern. The root.)
Dose. ʒ j–iij, in powder.
[NOTE.—Nouffleur's plan:—ʒ iij in water ℥ iv; after six hours, a bolus of calomel (gr. x), scammony and gamboge.]
Use. In cases of tænia.

GRANATUM. (Punica granatum. Pomegranate. Bark of the *Root.*)
Dose. Decoction (℥ j of fresh root in water f ℥ xx, boil to f ℥ x) f ℥ ij every half hour.
Use. Same as preceding.

MUCUNA. (Dolichos pruriens. Cowhage. Hairs of the pod.)
Dose. Gr. v–x in syrup, treacle, or honey.
Use. In cases of lumbrici.

OLEUM TEREBINTHINÆ. (See DIURETICS.)
Dose and Form. f ʒ ss–ij, *on* aromatic water, with hot tincture (e. g. Tinct. caps. or cinn. or card. c.); or as emulsion or linctus.
Use. In cases of tænia, lumbrici.

[NOTE.—GEOFFROYA. (G. inermis. The bark. —*Dub.*)
Dose. Powder ℈ j–ʒ ss.

1. *Decoctum Geoffroyæ.*
Comp. Geoff. ℥ ss, water f ℥ xx, boil to f ℥ x.

Dose. f ℥ ss–ij]
Use. For lumbrici.

SPIGELIA. (S. Marilandica. Indian pink. The root.)
Dose. Powder gr. x–xx, ʒ j–iij, night and morning. Infusion (℥ ss in Oj.) f ℥ ss–j, for a child two or three years old; f ℥ iv–vj for an adult.
Use. For lumbrici and general use.

STANNUM. (Common tin.)
Dose. ʒ j–ij–℥ j, in treacle.
Use. For lumbrici.

From other Classes.

ANTACIDS.
Carb. sodæ.
Liquor calcis.
Liquor potassæ.

PURGATIVES.
Aloës.
Calomel.
Cambogia.
Colocynthis.
Jalapa.
Scammonium.
Tiglii oleum.

TONICS.
Bitters.
Steel.

Antispasmodics.

ÆTHER SULPHURICUS. (See STIMULANTS.)

ACIDUM HYDROCYANICUM. (See NARCOTICS.)

AMMONIACUM. (Gum resin of Dorema A.)
Form and Dose. Gr. v–x–ʒ ss, in pill or emulsion. (EXPECTORANTS.)

1. MISTURA AMMONIACI. (Lac ammoniac.)
Comp. Ammoniacum ʒ ij, water Oss.
Dose. f ℥ ss–j.

2. EMPLASTRUM AMMONIACI. (See PART II.)

3. EMPLASTRUM AMMONIACI CUM HYDRARGYRO. (See PART II.)

ASSAFÆTIDA. (Gum resin of Ferula A.)
Dose and Form. Gr. v–℈j, in pill, or emulsion; ʒ ij in ℥ xx of water, as enema.
Use. In hysteria, tympanitic distension, tetanus. Externally in pertussis, as a plaster.

1. MISTURA ASSAFÆTIDÆ.
Comp. Assafætida ʒ ij, water Oss.
Dose. f ℥ ss–ij (or as *enema* for children.)

2. TINCTURA ASSAFÆTIDÆ.
Comp. Ass. ℥ iv, alc. Oij.
Dose. ʒ ss–ij.

3. PILULÆ GALBANI COMPOSITÆ. (GALBANUM.)
Comp. Assafætida ʒ ij, galbanum ʒvi, myrrh ʒ vj, syrup, q. s. Div. in pil. 240.
Dose. Gr. x–℈j.

4. Spiritus Ammoniæ Fætidus.
Comp. Spiritus ammoniæ and assafætida.
Dose. f ʒ ss–j (and extemporaneous with sp. ammon. and tinct. ass.)
Use. In hysteria.

BENZOINUM. (Styrax B. The Balsam. (Expectorants. Stimulants.)
Dose. Gr. x. (Rarely used.)

1. Tinctura Benzoini composita.
Comp. Benzoin ℥iij, storax ℥ ij, tolu ℥ j, aloës ℥ ss, alc. Oij.
Dose. f ʒ ss–ij. (Externally—*Friar's Balsam.*)

2. Acidum Benzoicum.
Dose. Gr. v–xx, in powder with gum or sugar.

CAJAPUTI. (See Stimulants.)

CAMPHORA. (See Narcotics.)

1. Mistura Camphoræ. (Aqua Camphoræ, U. S.)
Comp. Camphor ʒ ij, alcohol ♏xl, carb. magnes. ʒ iv, aq. distill. Oij.
Dose. One to two tablespoonfuls.
Use. In typhoid conditions, with delirium, for after pains.

2. Tinctura Camphoræ Composita. (Paregoric Elixir. Tinc. Opii Camphorata.)
Comp. Pulv. opii, acid. benzoic. āā ʒ j, ol. anisi f ʒ j, mel despum. ℥ ij, camphor ℈ ij, dil. alcohol Oij. Macerate fourteen days. ℥ ss contains rather less than one grain of opium.

Dose. For infants five to twenty drops; adults one to two drachms.
Use. To allay cough or nausea, to check diarrhœa, to relieve pain.

CARDAMINE. (C. Pratensis. The Cuckoo-flower.)
Dose. ʒ j–iij of the dried flowers. (Rarely used.)

CASTOREUM. (Preputial secretion of the beaver.)
Form and Dose. Gr. v–xx, in pill, powder, or mixture.

1. Tinctura Castorei.
Comp. Castor ℥ ij, alcohol Oij.
Dose. f ʒ ss–ij.

CROCUS. (C. Sativus. Saffron. The dried stigmata.)
Dose and Form. Gr. x–ʒ ss, in pill or powder. (Ineffective)

1. Syrupus Croci.
Comp. Saffron ʒ v, sugar ℥ xviij, water f ℥ x.
Dose. f ʒ j–ij, chiefly for colouring.

CUPRI AMMONIO-SULPHAS. (See Tonics.)

GALBANUM. (Gum resin of G. Officinale.)
Dose and Form. Gr. v–x–ʒ ss, in pill or emulsion.

1. Pilulæ Galbani compositæ.
Comp. Assafætida ʒ ij, galbanum ʒ vj, myrrh, ʒ vj, syrup q. s. Div. in pil. 240.
Dose. Gr. x–℈ j.

2. Emplastrum Galbani. (See Part II.)

MASTICHE. (Pistacia Lentiscus. The resin. Gum Mastic.) (Diuretics. Expectorants.)
Dose. Gr. v–x. [Also to divide more active medicines, as aloës in the "Pilulæ ante cibum" of the Parisian Codex.] (See Aloes Ext.)

MOSCHUS. (Preputial secretion of the musk animal.)
Dose and Form. Gr. v–xv, in pill, bolus, or emulsion.
Use. Hiccough, epilepsy, asthma, pertussis, palpitation.
1. Mistura Moschi.
Comp. Musk, gum, sugar, āā ʒ iij, rose water, f ℥ xx.
Dose. f ℥ j–iss (f ℥ j contains gr. ix.)
[Moschus Factitius. (Artificial Musk.)
Comp. Acid. nit. fort. ʒ iiiss, ol. Succini ʒ j.
Form. Tincture: Mosch. fact. ʒj, spir. rect. ʒx.
Dose. ʒ j]

OLIBANUM? (Gum resin of Boswellia thurifera. Frankincense.)
Dose. Gr. x–ʒ ss, in emulsion, with yolk of egg.

OPOPONAX. (Gum res. of O. Chironium.)
Dose. Gr. x–ʒ ss, in emulsion. (Rarely used.)

PETROLEUM? (Barbadoes tar.) (Expectorants.)

Dose. ♏x–ʒss, on sugar, in emulsion, or with aromatic waters.

SAGAPENUM. (Gum resin of an uncertain plant.)

Dose and Form. Gr. v–℈j, in pill.

1. Pilulæ Sagapeni compositæ.

Comp. 16 sagapenum, 1 aloes, syrup of ginger, q. s.

Dose. Gr. v–x–xx (17 grs. contain 1 of aloës.)

STYRAX. (See Expectorants.)

SUCCINUM. (Amber.)

1. Oleum Succini.

Dose. ♏v–x in mucilaginous fluids.

VALERIANA. (Root of V. officinalis.)

Dose. ℈j–ʒss, in powder.

Use. Hysteria, hemicrania, pervigilium, low fevers.

1. Tinctura Valerianæ.

Comp. Valerian ℥iv, dil. alc. Oij.

Dose. f ʒss–ij.

2. Tinctura Valerianæ composita. (Val. Ammoniata.)

Comp. Valerian ℥iv, aromat. sp. of ammonia, Oij.

Dose. f ʒj–ij, in sweetened water or milk.

Use. In Hysteria.

ZINCI OXYDUM. (See Tonics.)

Aromatics. Aromatic Stimulants.

CANELLA. (C. alba. Wild Cinnamon. The Bark.)
Form and Dose. Powder gr. x–ʒ ss—used chiefly in the preparation of other formulæ.

CAPSICUM. (C. annuum. Cayenne Pepper' The berry.)
Form and Dose. Powder (in pills with bread crumb) gr. v–x; infusion (caps. ʒ ij, water f ℥ x), f ℥ ss–j; gargle, with water or vinegar.
Use. In malignant sore throat.

1. Tinctura Capsici.
Comp. Caps. ℥ i, dil. alc. Oij.
Dose. f ʒ j–ʒ ij. As gargle ʒ j, infus. rosæ ℥ vj.
Use. In malignant scarlatina, typhus, locally to relaxed uvula.

CARDAMOMUM. (Alpinia C. The seeds.)
Form and Dose. Gr. v–℈ j in powder. (Rarely used alone, but much in composition.)

1. Tinctura Cardamomi.
Comp. Card. ℥ iv, dil. alc. Oij.
Dose. f ʒ j–ij, chiefly as an adjunct.

2. Tinctura Cardamomi compŏsita.
Comp. Card. ʒ vj, carui seeds ʒ ij, cochineal ʒ j, cinnamon ʒ v, raisins ℥ v, proof sp. f ℥ xl.
Dose. ʒ j–ij.
Use. To flavor other medicines.

CARYOPHYLLUM. (C. Aromaticus. The Clove Tree. The unripe flowers.)
Dose. Gr. v–x in powder. (Little used.)
Use. To allay nausea. To correct flatulence. To excite languid digestion.

1. Infusum Caryophylli.
Comp. Cloves ʒ ii, water Oi.
Dose. ℥ j–ij. Combined with other med.
Incomp. Salts of iron and zinc, lime water.

2. Oleum Caryophylli.
Dose. ♏j–iij, with pills.

CINNAMOMUM. (Laurus C. Cinnamon. The bark.)
Dose. Gr. x–ʒ ss in powder.
Use. To allay nausea, to remove flatulence.

1. Pulvis Cinnamomi compositus.
Comp. 2 cinnamon, 1 cardamoms, 2 ginger, nutmeg grated 1 part.
Dose. Gr. x–ʒ ss. As a corrigent in feeble digestion.

2. Aqua Cinnamomi.
Comp. Ol. Cinnam. ʒ ss. Carb. Magnes. ʒ j. Aq. Distill. Oij.
Dose. Ad libitum, as a vehicle.

3. Tinctura Cinnamomi.
Comp. Cinn. ℥ iii, dil. alc. Oij.
Dose. f ʒ j–℥ ss.

4. Tinctura Cinnamomi composita.
Comp. Cinn. ℥ j, cardam. ℥ ss, ginger ʒ iij, dil. alc. Oij.

Dose. f ʒ j–ij. Used as the last.

5. Oleum Cinnamomi.
Dose. ♏ j–iij, as an adjuvant and corrigent.

6. Spiritus Cinnamomi.
Comp. Oil of cinn. ʒ ij, proof spir. 1 gal., water f ℥ xx, distil to 1 gall.
Dose. ʒ j–iij.

CONFECTIO AROMATICA.
Comp. Pulv. aromat. ℥ vss, saffron ℥ ss, syr. aurant. ℥ vj, mel. desp. ℥ ij.
Dose. Grs. x–ʒ j,
(Pulv. aromat. is composed cinnam. and ginger, each ℥ ij, cardam. and nutmeg each ℥ j.)
Incomp. Acids, metallic salts.

CONTRAJERVA. (Dorstenia C. The root.)
Form and Dose. Powder ℈ j–ʒ ss; infus. (Contr. ʒ iij, water ℥ vj) ℥ j–ij. (Rarely used.)

CUBEBA. (Piper Cubeba. The berries.)
Dose. Powdered—Gr. v-x- ʒ ij.
Use. As a stomachic in disorders of digestive organs.
1. Tinctura Cubebæ.
Comp. Cubebs ℥ iv, dil. alc. Oij.
Dose. f ʒ j–ii.
Use. In advanced stage of gonorrhœa.

INULA. (I. Helenum. Elecampane. The root.)
Form and Dose. Powder ℈ j–ʒ ij; decoction (℥ ss, water f ℥ xx,) f ℥ j–ij.

MYRISTICA. (Nutmeg. The nut of the Myristica Moschata, and the Arillus, Mace.)

Dose. Gr. x–ʒ ss.

1. Oleum Myristicæ. (See Part II.)
Dose. ♏ij–vj. (Externally stimulant.)

2. Spiritus Myristicæ.
Comp. Nutmegs ℥ ii, dil. alc. 1 gall., water Oj, distil to 1 gall.
Dose. fʒj–ʒ ij.

PIMENTA. (Myrtus P. Allspice. The unripe berries.)
Dose. Powder, gr. x–ʒ j.
Use. In cases of flatulence.

1. Oleum Pimentæ.
Dose. ♏ij–vj.

2. Spiritus Pimentæ.
Comp. Pimenta ℥ ii, dil. alc. 1 gall., water Oj, distil to 1 gall.
Dose. f ʒ j–ij.

3. Aqua Pimentæ.
Comp. Pimenta ℔j, or ol. pimentæ, ʒ ij, dil. alc. f ℥ vij, water 2 galls. distil to 1 gall.
Dose. f ℥ j–ij. (A vehicle and flavourer.)

PIPER LONGUM. (Long Pepper. The unripe spadix.)
Dose. Gr. v–℈j. (A condiment.)

PIPER NIGRUM. (Black Pepper.)
Dose. Gr. v–℈j. In powder or pills.
Use. In flatulence or debility of stomach.

1. Confectio Piperis Nigri. (Ward's Paste.)
Comp. Pip. nig., inula (elecampane) āā ℥ iv. fœnic. sem. ℥ xij, mell. et sacch. āā ℥ viij.

Use. In piles unattended with inflammation.

SINAPIS. (S. nigra et alba. The seed.) (EMETICS.)

Form and Dose. Mustard whey (bruised seeds or powder ℥ ss, milk ℥ xx-strain) ℥ iv.

1. CATAPLASMA SINAPIS. (See PART II.)

ZINZIBER. (The rizoma or root.)

Dose. Powder gr. v–x–℈ j; infusion (ginger tea —Ginger ʒ ij–℥ ss, water f ℥ vj), f ℥ ss–j.

Use. In dyspepsia. The state of alimentary canal attending atonic gout.

1. TINCTURA ZINZIBERIS.

Comp. Ginger ℥ viij, alc. Oij.

Dose. ʒ j–ij.

2. SYRUPUS ZINZIBERIS.

Comp. Tinc. Zinzib, f ℥ iv, syrp. Cong. j.

Aromatic Bitters. Stimulant Bitters.

ABSINTHIUM. (Artemisia A. Wormwood. The flowering summits.)

Dose and Form, Powder ℈ j–ʒ j; infusion (℥ j in ℥ xx water) ℥ ss–ij; extract (Dub.) gr. x.–℈ j.

Incomp. Sulphates of iron and zinc.

[OLEUM ABSINTHII. (Not officinal.)
Dose. ♏ j–v.]

Use. In debilitated states of the digestive organs.

ACORUS. (A. calamus. Sweet Flag. The root.)

Dose and Form. Powder ℈j–ʒj; infusion (Acor. ℥j, water f℥xx) f℥j–ij, joined with other tonics.
Use. In uneasiness from flatulence.

ANTHEMIS. (A. nobilis. Chamomile flowers.)
Dose and Form. Powder, gr. x–ʒss (seldom used); extract (Ed. Dub. watery) gr. v–x–℈j.
Use. Remission of fever.

1. Infusum Anthemidis.
Comp. Chamomile ℥ss, boiling water Oj.
Dose. f℥j–ij.
Incomp. Iron, bichlor. hydr., infus. cinch., isinglass.
Use. In enfeebled digestion; general debility.

2. Oleum Anthemidis.
Dose. ♏j–v. (Stimulant. Antispasmodic.)

AURANTII CORTEX. (Citrus vulgaris. Bitter Orange. The peel.)
Dose. Powder gr. x–ʒss. (Rarely used.)

1. Infusum Aurantii compositum.
Comp. Orange peel ℥ss, lemon peel ʒij; cloves ʒj, water f℥xx.
Dose. f℥j–ij.
Incomp. Sulph. ferr., infus. cinch. cord., lime water.

2. Tinctura Aurantii.
Comp. Orange peel ℥iiss, proof spirit f℥xl.
Dose. fʒj–iij.

3. Confectio Aurantii.
Comp. Orange peel ℔j, sugar ℔iij.

Dose. ʒ j–ss, and as a vehicle for powders; e. g. ferr. sesquioxyd. &c.

4. Syrupus Aurantii.
Comp. Or. peel ℥ ii, sugar ℔ijss. boiling water Oj.
Dose. ʒ j–iij. Chiefly to flavour saline and stomachic draughts.

5. Aqua Florum Aurantii.
Comp. Or. flowers ℥ xxx. spir. rect. f ʒ xiv, water ½ gall. For flavour, and as a vehicle only.

6. Oleum Aurantii.
Dose. ♏ v–x. Stimulant. For flavour.

CASCARILLA. (Croton Eleutheria. The bark.)
Dose. Powder gr. x–ʒ ss.
Use. In flatulent colic, dyspepsia, chronic diarrhœa.

1. Infusum Cascarillæ.
Comp. Casc. ℥ i, boiling water Oj.
Dose. f ℥ j–ij.

2. Tinctura Cascarillæ.
Comp. Casc. ℥ iiss, proof sp. f ℥ xx.
Dose. f ʒ j–ij.

3. Mistura Cascarillæ composita.
Comp. Infus. casc. (No. 1) f ℥ viiiss, tinct. camph. c. f ℥ j, acet. scillæ f ℥ ss.
Dose. f ℥ j–iss. (Expectorants.)

CUSPARIA. (Angustura Bark.)
Dose. Powder gr. x–ʒss. (Rarely used.)

1. Infusum Cuspariæ.

Comp. Cusp. ʒ v, water f℥ xx.
Dose. ℥ j–ij (with tinct. cinn. added).

LIMONES. (Citrus Limonum. Lemon. The fruit.

1. Limonum Cortex. (Lemon peel.)
Form and Dose. Powder gr. x–℈j. (Rarely used except in other preparations, q. v.)

2. Oleum Limonum.
Dose. ♏j–v.

3. Tinctura Limonum.
Comp. Recent lemon peel ℥ iijss, proof spirit ℥ xl.
Dose. ʒ j–℥ ij.

LUPULUS. (Humulus L. The Hop. The dried strobiles.)
Form. In substance as a pillow. The Lupulinic grains or yellow powder. And—

1. Infusum Lupuli.
Comp. Hops ℥ ss, boiling water Oj.
Dose. f℥ j–ij.
Incomp. Acids, alkalies, sulph. ferr., tart. emet., alcohol.

2. Tinctura Lupuli.
Comp. Hops ℥ v, dil. alc. Oij.
Dose. fʒss–ij.

3. Extractum Lupuli. (A watery extract.)
Dose. Gr. v–℈j.

[Note. *Lupulina.* Yellow powder. (Not officinal.)

Dose and Form. Powder or pills gr. vj–xij.

a. Tinctura Lupulinæ.

Comp. Lupulinic grains ℥iv, spirit Oij.

Dose. f℥ss–ij.]

Use. In delirium and wakefulness of drunkards.

Astringents.

ACIDUM SULPHURICUM DILUTUM.

(See Tonics, Refrigerants.)

Use. In colliquative sweats, passive hemorrhage, diarrhœa.

ACIDUM ACETICUM. (Refrigerants.)

ACIDUM GALLICUM. (Gallic acid from galls: crystals. Soluble in 100 parts of cold water.)

Dose. Gr. ij–v–xv.

Use. In internal hemorrhages, especially of uterus, lungs, and urinary passages. In bleeding from alimentary canal tannin is preferable.

ACIDUM TANNICUM. Tannic acid from galls (very soluble in water).

Dose. Grs. ij–v–xv.

Use. In hemorrhages, diarrhœa, colliquative sweats, chronic catarrh, advanced hooping cough, cystirrhœa, relaxed uvula, toothache, aphthæ, salivation, leucorrhœa, gonorrhœa, piles, ophthalmia.

ALUMEN. (Alum, sulphate of alumina and potassa.

Dose. Gr. v–℈j.
Form. Solution (in aromatic water: an oz. of water dissolves ℥ss), pill, powder.

[NOTE. Alum whey: boil powdered alum ʒij in a pint of milk, and strain.
Dose. A wine-glassful.]

Incomp. Alkalies and their carbonates, tartrate of potash, vegetable astringents.
Use. In hemorrhages; as a gargle, as a collyrium.

1. ALUMEN EXSICCATUM. (Dried alum.)
Dose. Gr. v–x.
Form. Solution, pill.
Use. As an escharotic to fungous ulcers.

2. LIQUOR ALUMINIS COMPOSITUS.
(See PART II.)

ARGENTI NITRAS. (See TONICS.)

BORAX. (Sodæ Biboras.)
Dose. ℈j–ʒss.
(Rarely used internally.)

1. MEL BORACIS.
Comp. Borax ʒj, honey f℥j.
Form. As a gargle, diluted.
Use. For aphthæ of children.

CATECHU. (Acacia Catechu. Extract of the wood.)
Dose. Gr. x–℈j.
Form. Powder, mixture (with syrup and gum), bolus.
Use. Diarrhœa, uterine hemorrhage, relaxed

uvula, spongy gums, indolent ulcers, leucorrhœa, gonorrhœa, epistaxis.

Incomp. Alkaline salts destroy its astringency.

1 INFUSUM CATECHU COMPOSITUM.

Comp. Catechu ℥ ss, cinnamon ʒ j. water Oj.

Dose. f ℥ j–ij.

2. TINCTURA CATECHU.

Comp. Catechu ℥ iii, cinnamon ℥ ii, dil. alc. Oij.

Dose. f ʒ j–ij in chalk mixture, or other liquids.

CINCHONA. (See TONICS.)

CUPRI SULPHAS.

Dose and Form. Gr. $\frac{1}{8}$–$\frac{1}{4}$–ss–ij (combined with opium.)

Use. In chronic diarrhœa, ill-conditioned ulcers, collyrium in chronic ophthalmia.

FERRUM. (See TONICS.)

Use. In debility from inordinate discharges.

1. FERRI SULPHAS.

2. MISTURA FERRI COMPOSITA.

3. PILULÆ FERRI COMPOSITÆ.

4. TINCTURA FERRI SESQUICHLORIDI.

Use. In gleet, passive hemorrhages.

GALLÆ. (Oak Galls. Gemmæ Morbidæ.)

Form and Dose. Powder gr. x–xx. Infusion (galls f ℥ ss, boiling water f ℥ vj) f ℥ ss–iss.

Use. In chronic diarrhœa, as a gargle in relaxed uvula.

1. Tinctura Gallæ.
Comp. Galls ℥ iv, dil. alc. Oij.
Dose. f ʒ ss–ij in fluids, as gargle; or lotion, diluted with water.
Incomp. Metallic salts, cinchona.

2. Unguentum Gallæ compositum. (See Part II.)
Use. In hemorrhoids.

GRANATUM. (Punica G. Pomegranate. Rind of the fruit.)
Dose and Form. Powder ʒ ss–j.

1. Decoctum Granati.
Comp. Granat. ℥ ij, water f ℥ xxx (to f ℥ xx.)
Dose. f ℥ iss–ij.
(Bark of the Root Anthelmintic, q v.)

HÆMATOXYLUM. (H. Campechianum. Logwood.)

1. Extractum Hæmatoxyli.
Dose. Gr. x–ʒ ss.
Form. Pill, mixture, with carminative waters.
[Decoctum Hæmatoxyli.
Comp. Logwood ℥ i, water Oij.
Dose. f ℥ j–ij. (For children f ʒ ij–℥ ss.)]
Use. In relaxed condition succeeding cholera infantum.

KINO. (Indurated juice of Pterocarpus erinaceus.)
Dose and Form. Powder, gr. v–x–xx. Mixture with mucilage and the aromatic waters.
ncomp. Acids, alkalies, sulphate of iron.

1. Tinctura Kino.

Comp. Kino ℥ iiiss, rectified spirit f ℥ xl.
Dose. f ʒ j–ij, with chalk mixture.
Use. In diarrhœa without fever.

2. Pulvis Kino compositus.

Comp. 15 kino, 4 cinnamon, 1 opium (1 gr. of opium in ♈ j.)

Dose. Gr. v–♈ j, in mixture.

KRAMERIA. (K. triandria. Rhatany root.)

Dose. Gr. x–ʒ ss in powder, mixture, or electuary.

Use. Chronic diarrhœa, leucorrhœa, passive hemorrhage.

1. Infusum Krameriæ.

Comp. Krameria ℥ j, boiling water Oj.
Dose. f ℥ j–ij.
Incomp. Sulphate of iron.

(Extractum Krameriæ (Ed. Dub.)
Dose. Gr. x–xx, pill, mixture.]

OPIUM. (See Narcotics.)

PLUMBUM.

1. Plumbi Acetas.

Dose. Gr. ss–iv.

Form. Pill with opium, solution with vinegar and distilled water.

Incomp. Sulphuric acid, sulphates, liq. ammoniæ acetatis, &c.

Use. In hemorrhages, dysentery, diarrhœa.

QUERCUS. (Q. pedunculata. The oak. The bark.)
Dose. Powder ℥ ss–ij.
Use. Diarrhœa, leucorrhœa.

1. Decoctum Quercus.
Comp. Oak bark ℥ j, water Ojss (to Oj.)
Dose. f ℥ ij–iv. (Externally as gargle, injection, lotion.)

ROSA. (Rosa Gallica. The red rose petals.)

1. Infusum Rosæ compositum.
Comp. Rose ℥ ss, water Oijss, sugar ℥ iss, dilute sulphuric acid ʒ iij.
Dose. ℥ j–ij. (Externally as gargle.)
Incomp. Alkalies and earths, sulphate of iron.
Use. In hemorrhages and colliquative sweats.

2. Confectio Rosæ Gallicæ.
Comp. Rose ℥ iv. sugar ℥ xxx, mel. ℥ vj, aq. ros. ℥ viij.
Dose. ʒ j–ij, as a vehicle for calomel, quinine, &c.

3. Mel Rosæ.
Comp. Rose ℥ ij, water Oiss, honey Oij. (A honeyed decoction of Rose.)
Dose. ʒ j–iv. (Chiefly in gargles.)

[Tinctura Rosæ. An admirable substitute for the infusion is prepared under this name. It is made by digesting 1 oz. of red rose petals with 4 oz. of proof spirit made with rose-water. Of this tincture ♏xxx, with ♏xij of acid. nit. dil., is equal to ℥ iss of infusion of roses.

TORMENTILLA. (Tormentil or Septfoil. The root.)
Dose and Form. Powder ʒ ss–j.

1. Decoctum Tormentillæ.
Comp. Tormentil ℥ ij, water f ℥ xxx (to f ℥ xx.)
Dose. f ℥ j–ij (used also as an injection in leucorrhœa.)

ULMUS. (U. campestris. The bark.)

1. Decoctum Ulmi.
Comp. Fresh elm bark ℥ iiss, water ℥ xl (to xx.)
Dose. ℥ ij–iv. (Rarely used.)

UVA URSI. Arctostaphylos, U. V. (Leaves of the bear-berry.)
Dose. ℈j– ʒ j of the powder (too bulky.)
Use. In diabetes, catarrh of bladder, incontinence of urine.

1. Decoctum Uvæ Ursi.
Comp. Uva ursi ℥ j, water f ℥ xx (to f ℥ xvi.)
Dose. f ℥ j–ij.

2. Extractum Uvæ Ursi.
Dose. Gr. v–xv.

ZINCUM.
2. Acetas Zinci.
Dose. Gr. j–ij. (Rarely used internally.)

2. Sulphas Zinci. (Tonics, Emetics.)
Dose. Gr. j–v. (Much used externally.)
Use. Leucorrhœa, gonorrhœa, ophthalmia, and indolent ulcers.

Carminatives.

Use. As a class, to prevent nausea, to correct flatulence, and as corrigents to other medicines.

ANETHUM. (A. Graveolens. Dill. The fruit.)
Dose. Powder gr. v–ʒ ss.

1. Aqua Anethi.
Comp. Anethum ℥ xviij, proof sp. f ℥ vij, water 2 gall. (or by diffusing the oil in water, ʒ ij of oil to 1 gall. of water.
Dose. f ʒ j–iij (infants)–f ℥ j–iij (adults.)

ANISUM. (Pimpinella A. Anise. The seed.)
Dose. Powder gr. x–ʒ ss.

1. Oleum Anisi.
Dose. ♏ i–x. (on suger, or with sugar in mixture.)

2. Spiritus Anisi.
Comp. Oil of Anise ʒ iij, proof sp. 1 gall.
Dose. f ʒ j–℥ ss.

CARUI. (Carum C. Caraway. The seeds.)
Dose. Powder gr. x–ʒ ss.

1. Oleum Carui.
Dose. ♏ j–v.

2. Spiritus Carui.
Comp. Carui ℥ xj, proof spir. ½ gall., water f ℥ xx, distal to ½ gall.
Dose. f ʒ j–℥ ss.

3. Aqua Carui.
Comp. Carui ℥ xviij, water 2 gall., spir. f ℥ vij. distil to 1 gall.
Dose. f ℥ j–iv.

CORIANDRUM. (C. Sativum. Coriander. The seeds.)
Dose. Powder gr. x–℈j–ʒ j.

CYMINUM. (Cuminum Cyminum. Cumin. The seeds.)
Dose. Powder gr. x–ʒ ss. (Rarely used.)

DAUCUS. (D. Carota. Carrot. The seed.)
Dose. Powder gr. x–℈j–ʒ ss.

FŒNICULUM. (F. Dulce. Fennel. The seeds.)
Dose. Gr. x–ʒ ss.

1. Aquæ Fœniculi.
Dose. f ℥ j–iij.

LAVANDULA. (Flower tops of L. vera. Lavender.)
Dose. Powder ℈j–ʒ ss. (Rarely used.)

1. Oleum Lavandulæ.
Dose. ♏ij–v.

2. Tinctura Lavandulæ composita. (Red Lavender.) Spiritus Lav. Comp.
Comp. Spir. lavand. Oiij, spir. of rosemary Oj, cinnamon ℥ j, nutmeg ℥ ss, red sanders ʒ iij, cloves ʒ ij.
Dose. f ʒ ss–j. (On a lump of sugar.)

LAURUS. (L. Nobilis. Sweet Bay. The berries and leaves)
Dose. Of the berries powdered ʒ ss–j. The oil. Infusion. (Rarely used.)

MENTHA PIPERITA. (Peppermint.)
Dose. Powder gr. x–ʒ ss; infusion (ʒ ij water f ℥ viij) f ℥ j–ij. (Rarely used.)

1. Oleum Menthæ Piperitæ.
Dose. ♏ij–v.

2. Spiritus Menthæ Piperitæ.
Comp. Ol. menthæ ʒ iij, proof sp. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

[Note.—Essence of peppermint is made by dissolving ℥ ii of the oil in Oj of alcohol. Dose 10 drops.]

3. Aqua Menthæ Piperitæ.
Comp. Ol. menth. pip. ʒ ss, carb. magn. ʒ ss, aq. dist. Oij.
Dose. f ℥ j–iij.

MENTHA PULEGIUM. (Pennyroyal.)
Dose. Powder (rarely used), ʒ ss–j.

1. Oleum Menthæ Pulegii.
Dose. ♏ij–v.

2. Spiritus Menthæ Pulegii.
Comp. Ol. Puleg. ℥ iij, groof spir. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

3. Aqua Menthæ Pulegii.
Comp. Pennyroyal (dried) ℥ xij (or oil ʒ j), proof spir. f ℥ iiiss, water 1 gall.

MENTHA VIRIDIS. (Spearmint.)
Dose and Form. Powder ʒ ss–ij (rarely used); infusion (ʒ ij–water f ℥ viij), f ℥ j–ij.

1. Ol. Menthæ Viridis.
Dose. ♏ ij–v.

2. Spiritus Menthæ Viridis.
Comp. Oil ℥ iij, spir. 1 gall., water f ℥ xx.
Dose. f ʒ ss–ij.

3. Aqua Menthæ Viridis.
Comp. See Aq. Menth. Pip.
Dose. f ℥ j–ij.

ORIGANUM. (Marjoram.)
Dose. Powder, gr. x–ʒ ss; infusion (ʒ ij, water f ℥ viij) f ℥ j–ij. (Rarely used.)

1. Oleum Origani.
Dose. ♏ ij–v.

ROSMARINUS. (Rosemary.)
Dose. Powder, gr. x–ʒ ss (rarely used); infusion (ʒ ij, water f ℥ viij) f ℥ j–ij.

1. Oleum Rosmarini.
Dose. ♏ ij–v.

2. Spiritus Rosmarini.
Comp. Oil ʒ ij, alc. 1 gall., water Oj.
Dose. f ʒ ss–ij.

Diaphoretics.

AMMONIÆ SESQUICARBONAS? (See REFRIGERANTS.)
Dose Gr. iij–vj.

1. LIQUOR AMMONIÆ ACETATIS.
Comp. Sesq. am. ʒ ix (vel q. s.) Acidi acetici diluti. f ℥ xx. A saturated solution.
Dose. f ʒ iij–vj– ℥ j.
Incomp. Acids, potass, sugar.

2. LIQUOR AMMONIÆ CITRATIS. (REFRIGERANTS.)
Comp. Acid citr. ℥ iij, aquæ ℥ xx, ammon. sesq. ℥ ijss.
Dose. ʒiij–vj– ℥ j.

[*Saline Draughts.* Ammon. sesquicarb. ℈j, acid. citric. gr. xxiv, *vel* acid. tart. gr. xxv, *vel* succ. lim. ʒ vj.]
Use. In febrile and inflammatory diseases.

ANTIMONIUM. (See EMETICS.)

1. ANTIMONII POTASSIO-TARTRAS.
Dose. Gr. ½–ij.

2. VINUM ANTIMONII POTASSIO-TARTRATIS.
Comp. Ant. pot. tart. ℈j, sherry f ʒ x (gr. j, in f ℥ ss).
Dose. ♏x–xv– ʒ j,

3. PULVIS ANTIMONII COMPOSITUS. (Pulvis Antimonialis.)
Comp. 1 tersulphuret of ant., 2 phosph. of lime.
Dose. Gr. iij–x.
Form. Pill, powder.

DIOSMA. (Barosma crenata. Buchu. The leaves.)!
Dose. (Of the powder) ℈j–ʒss.

1. Infusum Diosmæ.
Comp. Diosma ℥j, water Oj.
Dose. f℥j–ij.

DULCAMARA? (Solanum D. The stalk.)

1. Decoctum Dulcamaræ.
Comp. Dulc. ℥j, water Oiss–Oj.
Dose. f℥ss–iss.

GUAIACUM. (With Diluents.)

1. The Resin.
Dose. Gr. v–xx.
Form. Pill, bolus, mixture.
Use. In rheumatism.

2. Mistura Guaiaci.
Comp. Guaiacum ʒiij, sugar ℥ss, acacia ʒij, cinnamon water, f℥xx.
Dose. f℥ss–ij (guaiac. gr. ix in f℥j).

3. Tinctura Guaiaci.
Comp. Guaiacum ℔ss, alc. Oij.
Dose and Form. fʒj–iij, in mucilage, or syrup and water.
Incomp. Water (decomposes it).

4. Tinctura Guaiaci composita.
Comp. Guaiacum ℥iv, aromatic spirit of ammonia Ojss.
Dose. fʒss–ij in mucilage, or syrup and water.
Use. Chronic rheumatism, amenorrhœa.

IPECACUANHA. (Cephaelis I. The root.)

1. PULVIS IPECACUANHÆ. The powdered root.
Dose. Gr. ss–j.

2. PULVIS IPECACUANHÆ COMPOSITUS.
Comp. 1 ipecacuan, 1 opium, 8 sulphate of potass (gr. x, contain 1 grain of opium).
Use. In cases where not much fever, cerebral disease, or sick stomach.
Dose. Gr. iiss–v–xx.
Form. Powder, pill, mixture.

3. VINUM IPECACUANHÆ.
Comp. Ipecacuanha ℥ ij, sherry Oij.
Dose. ♏xx–ʒj.
Use. For children.

4. PILULÆ IPECACUANHÆ COMPOSITÆ.
Comp. 3 Pulv. ipec. comp., 1 squill, 1 ammoniac, mucilage q. s.
Dose. Gr. v–x (½ gr. opium in 10 grs.)

MEZEREUM? (Daphne M. Bark of the root.) (STIMULANTS, DIURETICS.)
Form and Dose. Decoction (ʒj in ℥xxx water, to ℥xx) ℥ij–vj.
Use. In secondary syphilis, cutaneous diseases.

SASSAFRAS? (See ALTERATIVES.)
Dose. Of the powder ʒss–j. (Rarely used.)

SENEGA? (See EXPECTORANTS, ALTERANTS.)
Dose. (Of the powder) gr. x–xx. (Rarely used.)

1. DECOCTUM SENEGÆ.
Comp. Senega root ℥j, water Oiss–Oj.
Dose. f℥j–ij.
Use. In rheumatism.

SULPHUR?

1. Sulphur Precipitatum.

Dose. ʒ ss–j, as an electuary, or suspended in milk.

Use. In chronic rheumatism.

Diluents. Demulcents. Emollients. Ptisans.

ACACIA. (Exudation from A. vera. Gum Arabic.)

Dose. ℈ ss–j–ij.

Form. Powder, mixture.

Incomp. Acet. plumb., æther, spirits.

1. Mistura Acaciæ. (Mucilago acaciæ.)

Comp. Acacia ℥ x, boiling water f ℥ xx.

Dose. f ʒ j– ℥ j.

Incomp. Acet. plumb., æther, tinctures.

ALTHÆA. (A. officinalis. Marshmallow. The root.)

Form. Decoction (A. ℥ iss. water ℥ xx).

Dose. Of D. ad libitum, ℥ j–ij subinde.

1. Syrupus Althææ.

Comp. Decoction of Althæa with sugar.

Dose. ʒj–iij. (Readily ferments.)

AMYGDALA AMARA. (Bitter almonds.)

AMYGDALA DULCIS. (Sweet almonds.)

Use. In catarrhal affections.

1. Confectio Amygdalæ. (Almond confect.)
Comp. Amygd. ℥ viij, acac. pulv. ʒ j, sacch. ℥ iv.

2. Mistura Amygdalæ. (Almond emulsion.)
Comp. Sweet almonds ℥ ss, pulv. acac. ʒ ss, sugar ʒ ij, water ℥ viij.
Dose. ʒj–iij, ad libitum.
Use. In catarrhal and dysenteric affections.

3. Oleum Amygdalæ. (Oil of almonds. Expressed from both kinds.)
Dose and Form. ʒ j–iij, in emulsion.

AMYLUM. (Fecula Sem. tritici. Starch.)
Form. Powder (externally); mixed in water.

1. Decoctum Amyli. (Mucilago amyli. Starch emulsion.)
Comp. Amylum ℥ ss, water ℥ xx.
Dose. Ad libitum (for enema).
Incomp. Preparations of iodine.

AVENA. (A. sativa. The common oat.)
Form. The meal in decoction, poultice, &c.

CETACEUM. (From the head of the Spermaceti whale. Spermaceti.)
Form and Dose. ʒ ss–iss in an emulsion with egg or sugar.
Use. In catarrh.

CETRARIA. (Lichen Islandicus. Iceland moss.)

1. Decoctum Cetrarlæ.
Comp. Cetraria ℥ ss, water Oiss, boil to Oj.
Dose. f ℥ j–iv, ad libitum.
Use. In phthisis.

CYDONIA. (C. vulgaris. Common quince. The seeds.)

1. Decoctum Cydoniæ.
Comp. Quince seeds ʒ ij, water ℥ xx.
Dose. f ℥ ij–iv, ad libitum.
Incomp. Alcohol, acids, metallic solutions.

FICUS. (F. carica. The dried fruit. Figs.)
Form. Unaltered; decoction, cataplasm.

GLYCYRRHIZA. (G. glabra. Common Liquorice. The root.)
Form and Dose. Decoction (rad. cont. ℥ iss, water ℥ xx), ad libitum.

1. Extractum Glycyrrhizæ.
Form and Dose. In substance and mixture. Ad libitum. (Gr. x. covers the taste of a *black dose.*)

HORDEUM. (H. distichon. Barley. Decorticated seeds.)

1. Decoctum Hordei. (Barley water.)
Comp. Barley ℥ ij, water Oivss, boil to Oij.
Dose. Ad libitum.

2. Decoctum Hordei compositum.
Comp. Decoct. hord. f ℥ xl, fici concisi ℥ iiss, glycyrr. rad. rec. ʒ v, uvæ muc. ℥ iiss, aquæ f ℥ xx, boil to f ℥ xx.
Dose. Ad libitum.

LINUM. (L. Usitatissimum. Common Linseed. The seeds.)

1. Oleum Lini. (Linseed oil.)
Form. Enema, liniment.

2. Infusum Lini compositum. (Linseed tea.)
Comp. Lin. sem. ℥ ss, glycyrr. rad. ʒ ij, water Oj.
Dose. f ℥ ij–iv, or ad libitum.
Incomp. Alcohol. Acetate of lead.

3. Cataplasma Lini. (See Part II.)

MALVA. (M. Silvestris. Common Mallow.)
1. Decoctum Malvæ compositum.
Comp. Mallow dried ʒ j, chamomile dried ℥ ss, water f ℥ xx.
Form. Enema, fomentation.

MEL. (Honey.) Apis mellifica.
1. Oxymel. (Mel. acetatum. Simple oxymel.)
Comp. Honey ℥ xij, acetic acid f ℥ iij.
Dose. f ʒ j– ℥ j.

OLIVÆ OLEUM. (Olive Oil.)
Form. Enema, liniment.

TRAGACANTHA. (Concrete juice of Astragalus Tragacantha.)
Form and Dose. Powder or mixture, ad libitum.

1. Pulvis Tragacanthæ compositus.
Comp. 1 tragacanth, 1 starch, 1 pulv. acaciæ, 2 sugar.
Dose and Form. ℈j– ʒ ij, in powder and solution.

Diur

Apocynum Cannabinum. (Indian hemp.) Emetic, diuretic and cathartic.
Use. Mainly in dropsy.

DECOCTUM APOCYNI. Root of A. Cannab. ℥ j. Bacc. Junip. ℥ j, aqua Oiij, boil to Oij.
Dose. f ℥ i–ij.

BUCHU. (Diaphoretics.)

CANTHARIS? (Cantharides. Spanish fly.) (See STIMULANTS.)
Form and Dose. Pill, gr. ss–j–ij. (Rarely used.)
Use. In dropsy when the system is in an atonic condition.

1. [illegible] CANTHARIDIS. (See PART II.)

2. TINCTURA CANTHARIDIS.
Comp. Canth. ℥ i, dil. alc. Oij.
Dose. ♏x– ʒ j, in demulcent liquids.

3. CERATUM CANTHARIDIS. (See PART II.)

4. EMPLASTRUM CANTHARIDIS. (See PART II.)

CHIMAPHILA? (Pyrola Umbellata. Leaves of the Winter Green.)
Use. In dropsy attended with disordered digestion and general debility.

1. DECOCTUM CHIMAPHILÆ.
Comp. Chimaphila ℥ j, water Oiss (boil to Oj).
Dose. ℥ j–ij.
Incomp. Sulphas ferri.

COLCHICUM? (C. autumnale. Cormus and seeds.) (See PURGATIVES.)

DIGITALIS. (D. purpurea. The leaves and seeds.)
Dose. Gr. ss–iss, in powder or pill.
Use. In dropsies when the action of the heart requires to be controlled.

1. Infusum Digitalis.
Comp. Digitalis ʒ j, boiling water Oss, tinct. of cinnamon ℥ j.
Dose. ℥ ss–j.
Incomp. Sulphate of iron, acetate of lead.

2. Tinctura Digitalis.
Comp. Digitalis ℥ iv, dil. alc. Oij.
Dose. ♏ x–ʒ ss–j.
[Note.—Pilulæ digitalis et scillæ.—Ed.
Comp. Digitalis and squill āā gr. j. conf. arom. gr. ij, confect. rosæ q. s. M. ft. pil.]

DIOSMA. (See Diaphoretics.)

DULCAMARA? (Solanum D. Woody Nightshade. Bitter sweet. The stem.) See Diaphoretics. Narcotics.)
Use. Mostly in cutaneous eruptions.

1. Decoctum Dulcamaræ.
Comp. Dulcamara ℥ j, water Oiss, boil to Oj.
Dose. f ʒ j–iv.

JUNIPERUS. (Common Juniper. Tops and berries.)
Form and Dose. Berries (triturated with sugar) ʒ j–ij. Infus. (J. ℥ j, boiling water ℥ xv) ℥ ij–iv.
Use. In dropsy.

1. Oleum Juniperi.
Dose. ♏ ij–vj. in pill or emulsion.

2. Spiritus Juniperi Compositus.
Comp. Juniper berries ℔ j, caraway and fennel

āā ℥ iss, dil. alc. 1 gall., water Oij. Distil to 1 gall.
Dose. f ʒ ij–℥ ss (an adjunct).

PAREIRA? (Cissampelos P. Pareira brava. The root.)
Dose. ʒ ss–j of the powder.
Use. Chronic diseases of the urinary passages.

1. Decoctum Pareiræ.
Comp. Pareira ʒ x, water ℥ xxx, boil to f ℥ xx.
Dose. ℥ j–iij (used with the extract).

2. Extractum Pareiræ. (Watery extract.)
Dose. Gr. x–ʒ ss.

POTASSA. (Antacids. Alkalines.)

1. Acetas Potassæ.
Dose. ℈ j–ʒ iss, in diluents.
Incomp. Most acids and neutral salts.

2. Carbonas Potassæ. (Olim Pot. subcarb.)
Dose. Gr x–ʒ ss.

[Note.—℈j is saturated by acid. cit. gr. xvij, acid. tart. gr. xviij, succ. lim. ℥ ss.]

3. Bicarbonas Potassæ. (Olim Pot. carb.) (Milder than 2.)
Dose. Gr. x–ʒ ss.

[Note.—℈j is saturated by acid. cit. gr. xiv, acid. tart. gr. xv, succ. lim. ʒ iiss.]

4. Liquor Potassæ Carbonatis.
Comp. Carb. pot. ℔j, water dist. f ℥ xij.
Dose. ♏ xx–ʒ j.
Incomp. Acids, acidulous salts, &c.

5. NITRAS POTASSÆ. Nitre. (See REFRIGERANTS.)
Dose. Gr. v–ʒ ss.
Incomp. Sulphuric acid and its salts.

6. POTASSÆ TARTRAS. (See PURGATIVES.)
Dose. ʒss–ʒ j.

7. POTASSÆ BITARTRAS. (Cream of Tartar.) (See PURGATIVES.)
Dose. ʒ ss–ʒ j.

8. POTASSÆ CHLORAS.
Dose. Grs. x–ʒ ss.

9. POTASSÆ SULPH. (See PURGATIVES.)
Dose. Grs. v–xv.

SCILLA. (S. Maritima. Squills. Recent bulb.) (See EMETICS. EXPECTORANTS.)
Dose. Gr. v–xv.
Use. Acts best in absence of inflammatory excitement.

1. PULVIS SCILLÆ. (Not officinal, but in use.) The dried bulb powdered.
Dose. Gr. j–v, in pill combined.

2. PILULÆ SCILLÆ COMPOSITÆ.
Comp. Squills ʒ j, ginger and gum ammoniac, each ʒ ij, soap ʒ iij, syr. q. s. Div. in 120 pills.
Dose. Gr. v–x.

3. TINCTURA SCILLÆ.
Comp. Squill ℥ iv, proof spir. Oij.
Dose. ♏x–ʒ ss.

4. Acetum Scillæ.
Comp. Squill ℥ iv, distilled vinegar Oij, alc. f ℥ j.
Dose. f ʒ ss–ij in aromatic water.
Incomp. Alkalies, earths, and carbonates.

5. Oxymel Scillæ.
Comp. Honey ℔ iij, vinegar of squill Oij.
Dose. ʒ j–ij.

SCOPARIUS. (Cytisus S. Broom. The fresh tops.)

1. Decoctum Scoparii compositum.
Comp. Fresh broom-tops, juniper berries, dandelion-root, āā ℥ ss, water f ℥ xxx. Boil to ℥ xx.
Dose. f ℥ j–ij.

2. Pilula Ipecacuanhæ cum Scilla.
Comp. Pulv. Ipec. Comp. ʒ iij, recent squill and ammoniacum āā ʒ j, treacle q. s.
Dose. Gr. v–x.

SENEGA? (See Diaphoretics. Stimulants.)
Dose. Of the powder (rarely used) gr. x–xx.

1. Decoctum Senegæ.
Comp. Senega root ℥ j, water Oiss, boil to Oj.
Dose. f ℥ j–ij.

[Extractum Senegæ. (Not officinal.)
Dose. Gr. v–x.]

SPIRITUS ÆTHERIS NITRICI. (Sp. of Nit. Ether. Sweet spirits of nitre.)
Dose. ʒ ss–ij.
Incomp. Sulphas ferri. Tinct. guaiaci.

Use. In febrile complaints with deficient urinary secretion.

TABACUM. (Nicotiana T. Tobacco. The leaves.) (NARCOTICS. PURGATIVES.)

1. ENEMA TABACI. INFUSUM TABACI. (See PART II.)

TARAXACUM? (Root of the dandelion.) (See TONICS. ALTERATIVES. PURGATIVES.)
Use. Said to have a specific action on the liver.

1. EXTRACTUM TARAXACI. (Watery extract of fresh root.) Should be brown and bitter.
Dose. Gr. x–ʒ ss–j.

2. DECOCTUM TARAXACI. Tarax. ℥iv, water ℥xxx (to ℥xx).
Dose. ℥j–iij.

TEREBINTHINA. (Turpentine. Oils and resins from various species of the genus Pinus.) (See PURGATIVES. ANTHELMINTICS.)

1. TEREBINTHINA VULGARIS. (Common turpentine.)
Dose and Form. ℈j–ʒj. (Not often internally.) In pill, emulsion, electuary.

2. TEREBINTHINA CANADENSIS. (Liquid turpentine. Canada balsam.)
3. TEREBINTHINA CHIA. (Chian Turpentine. Liquid resin. From the Pistacia Terebinthus.)

4. OLEUM TEREBINTHINÆ.
Dose and Form. ♏vj–ʒj. (Floating on aromatic water with tinct. capsici, in emulsion

with mucilage or white of egg, or as a *Linctus* with honey or aromatic syrup.)

UVA URSI? (See ASTRINGENTS, TONICS?)

1. DECOCTUM UVÆ URSI.
Comp. Uva ursi ℥j, water f℥xx, boil to Oj.
Dose. f℥j–iij.

2. EXTRACTUM UVÆ URSI.
Dose. Gr. v–xv.
Use. In chronic urinary disorders.

Emetics.

AMMONIÆ SESQUI-CARBONAS. (Ammoniæ Subcarbonas.)
Dose and Form. ʒss in any aqueous medium. (Rarely used.)

ANTHEMIS? (See AROMATIC BITTERS.)

1. INFUSUM ANTHEMIDIS. Chamomile tea.
Comp. Cham. ℥ss, boiling water Oj (ten minutes.)
Dose. ℥iv subinde (warm).
Use. As an adjuvant to vomiting.

ANTIMONIUM.

1. ANTIMONII POTASSIO-TARTRAS. (Antimonium Tartarisatum.)
Dose. Gr. j–iv̄ in solution.
Use. A certain, powerful, and permanent emetic. Used where it is required not only to evacuate

the stomach, but to produce an effect on surrounding organs.

2. VINUM ANTIMONII POTASSIO-TARTRATIS. (Vinum Antimonii.)

Comp. ℈ ij of ant. pot. tart. in ℥ xx of sherry.
Dose. ℥ ss–iss subinde (gr. j in ℥ ss.)
Incomp. Bitter and astringent infusions. Alkalies and their carbonates.
Use. For infants.

CUPRI SULPHAS. (Blue vitriol.)
Dose. Gr. v–xv, in solution.
Use. In poisoning, in croup.

IPECACUANHA. (See DIAPHORETICS.)

1. PULVIS IPECACUANHÆ.
Dose. Gr. xv–ʒ ss in aqueous fluids.
Use. Mild and efficient.

2. VINUM IPECACUANHÆ.
Comp. ℥ ij of ipec. in Oij of sherry wine.
Dose. f ʒ ss–j every ten minutes. (For children.)

LOBELIA. (Lobelia inflata. Indian tobacco.)
Dose. In powder, gr. xv–℈ j; of tincture (lobelia ℥ iv, dil. alc. Oij), ʒ j–ij.
Use. In spasmodic asthma.

1. TINCTURA LOBELIÆ ÆTHEREA. (ANTISPASMODICS.)

SCILLA. (Squills.) (See DIURETICS, NARCOTICS, EXPECTORANTS.)
Dose. Gr. v–xv. (Rarely used.)

SINAPIS. (S. nigra. Mustard.) (EXPECTORANTS.)

Dose. (Of the powder) ʒj–℥ss, in ℥iv–vj of warm water.
Use. In narcotic poisoning.

TABACUM. (Tobacco.) (NARCOTICS.)
Dose. Gr. v–x. (Rarely used.)
Use. In reduction of dislocations.

VERATRUM. (White Hellebore.) (See CATHARTICS.)
Form and Dose. Powder, gr. j–vj.

1. VINUM VERATRI.
Comp. White Hellebore ℥iv, sherry Oj.
Dose. ♏x–xxx.

ZINCI SULPHAS. (White vitriol.)
Dose. Gr. xv–ʒss, in solution.
Use. A prompt emetic in cases of poisoning.

Emmenagogues.

(MENSTRUA ET PARTUM ACCELERANTIA.)

ERGOTA. (Secale Cornutum. Spurred Rye.) (NARCOTICS?)
Dose. Powder (Pulvis Ergotæ) gr. v–x–xx.

[*a. Infusum.* Ergot ʒj, boiling water ℥iv. *Dose.* ℥iss.

b. Decoctum. Ergot ʒj, wat. ℥v, boil 10 min. *Dose.* ℥ij.

c. Tinctura. Ergot ℥ss, spir. rect. ℥vj. *Dose.* ʒj.

d. Vinum. (Amer. Ph.) Ergot ℥j, wine ℥viij, macerate 14 days.]

RUTA. (Ruta Graveolens. Rue. The leaves.)
Dose. Powder ℈j–ʒss; infusion (Rue ℥j, boiling water ℥xx) ℥j–ij.

1. Confectio Rutæ.
Comp. Rue, caraway, bay berries (Laurus nobilis) āā ℥iss, sagapenum ℥ss, black pepper ʒij, honey ℥xvj. (See Carminatives.)
Dose. ℈j–ʒj. (Also as an enema for children.)

SABINA. (Juniperus S. Savin. The tops.)
Dose. Powder gr. v–x. (Infusion. Oil.)

From other Classes.

ALOE.
ASSAFŒTIDA.
CANTHARIS.
CASTOREUM.
FERRUM.
GALBANUM.
HELLEBORUS NIGER.
HYDRARGYRUM.
IODINIUM.
SENEGA.
SINAPIS.

Errhines.

ASARUM. (See EMETICS.)

EUPHORBIUM. (See EMETICS.)

HELLEBORUS. (See EMETICS.)

TABACUM. (See NARCOTICS.)

Expectorants.

ALLIUM? A. sativum. Garlic. The bulb. (STOMACHIC, DIURETIC.)
Dose. ʒ j–ij of the fresh bulb.

AMMONIACUM. Dorema A. (See ANTISPASMODICS.)
Use. In deficient expectoration without acute inflammation.

ANTIMONII POTASSIO - TARTRAS. (See EMETICS, DIAPHORETICS.)
Dose. Gr. $\frac{1}{12}$–$\frac{1}{4}$.
Use. Excites bronchial secretion.

ASSAFÆTIDA. (See ANTISPASMODICS.)

BALSAMUM PERUVIANUM. (Balsam from the incised bark of the Myroxylon Peruiferum. Liquid Balsam.)
Dose and Form. ʒ ss–j on sugar, in pill with powders, mucilage.
Use. In chronic catarrh.

BALSAMUM TOLUTANUM. (Concrete Balsam.)
Dose and Form. Same as B Peruvianum.

1. TINCTURA BALSAMI TOLUTANI.
Comp. Tolu ℥ iij, alcohol Oij.
Dose. ʒ ss–ij. (Water precipitates the resin.)

2. SYRUPUS TOLUTANUS.
Comp. Tinc. tolu ℥ j, syrup Ojss.
Dose. f ʒ j–iij. (To flavour.)

BENZOINUM. (See ANTISPASMODICS.)

COPAIBA. (Liquid resin.)
Dose and Form. ♏x–ʒ j, on sugar, in water, in emulsion, in syrup, in pill, in capsules.
Use. In chronic catarrh.

GALBANUM. (See ANTISPASMODICS.)
Use. Chronic bronchial affections.

IPECACUANHA. (See EMETICS.)
Dose. Gr. ss.

MARRUBIUM? (M. Vulgare. Horehound.) (TONICS.)
[*Horehound Tea.* Marr. ℥ j, water ℥ xx.]

MASTICHE. (See ANTISPASMODICS.)

MYRRHA. (Balsamodendron M. Gumresinous exudation.) (TONICS.)
Form and Dose. Powder, pill, emulsion, gr. x–ʒss.

1. Tinctura Myrrhæ. (Seldom used internally.)

STYRAX. (S. officinale. The balsam.) (Antispasmodics.)
Dose. Gr. v–x–xx, in pill (purified.)

1. Pilulæ Styracis compositæ. (Narcotics. Opium.
Comp. 3 storax, 1 opium, 1 saffron.
Dose. Gr. iss–iiss–x (gr. v contains 1 gr. opium.)

SAGAPENUM. (See Antispasmodics.)

SENEGA. (See Diaphoretics.)

SCILLA. (See Diuretics.)

CHLORINUM. (Inhaled.) In phthisis.

IODINIUM. (Inhaled.) In phthisis.

MYRRHA. (Smoked.) In asthma.

PIX LIQUIDA. (Smoked.) In asthma.

STRAMONIUM. (Smoked.) In asthma.

TABACUM. (Smoked.) In asthma.

[SYR. SCILL. COMP. (Coxe's Hive Syrup, U. S.)
Comp. Scill., seneka āā ℥iv, ant. tart. grs. xlviij, water Oiv, sugar ℔iijss.
Dose. For a child, ♏x–f ʒj, repeated in cases of croup every fifteen minutes, till it vomits.
Use. It is emetic, diaphoretic, expectorant, and frequently cathartic. C.]

Narcotics. Sedatives. Soporifics. Anodynes.

ÆTHER. (See STIMULANTS.)

ACIDUM HYDROCYANICUM DILUTUM.
Comp. Real hydrocyanic acid and water.
Dose. ♏iij–v–viij, in aqueous mixtures.
Incomp. Metallic oxides and carbonates.

[NOTE.—The dilute acid of the Lond. P. contains 2 per cent.; of the Dub. 1·6 per cent.; and of the Ed. 3·2 per cent. of the real acid. The acid of *Scheele's strength* varies; it is often twice or thrice as strong as the Lond. dilute acid. It is to be desired that the profession would uniformly prescribe the dilute acid of the London Ph.: it keeps better than Scheele's, and the dose is more manageable.]

Use. In asthma, pertussis, chronic catarrh. As a lotion in cutaneous diseases, for itching.

ACONITUM. (A. Napellus, Wolfsbane. Root and leaves.)
Dose. Of the powder, gr. j–iij. (Not to be relied on.)
Use. In neuralgia, gout, cancer, rheumatism.

1. EXTRACTUM ACONITI. (The inspissated juice.)
Dose. Gr. ss–j–iij. (Uncertain.)

[*a. Tinctura aconiti.*

Comp. Aconite root, ℔i, dil. alc. Oij.

Dose. ♏v ter die. (Most valuable as embrocation in neuralgia.)

b. Extractum Alcoholicum Aconiti. (By evaporating the tincture.)
Dose. Gr. $\frac{1}{6}$–$\frac{1}{2}$, in pill.

[NOTE.—The extract from the root, rubbed down with twice its bulk of alcohol, and strained, is the best preparation.

c. Unguent. Aconiti. One part extract and two parts lard.]

2. ACONITINA.
Dose. Scarcely admissible *internally.*

ALCOHOL. (See STIMULANTS.)

BELLADONNA. (Atropa B. Deadly Nightshade. The leaves.)
Dose. Of the powder, gr. j–v. (The extract and tincture preferable.)
Use. In neuralgia, &c.

1. EXTRACTUM BELLADONNÆ. (The inspissated juice.)
Dose. Gr. $\frac{1}{2}$–iv. (More used externally.)

2. EMPLASTRUM BELLADONNÆ.
(See PART II.)
[NOTE.—Though not officinal, the following is useful:
Tinctura Belladonnæ.
Comp. Leaves of bell. ℥iv, dil. alc. Oij.
Dose. ♏xx–xxiv: (or saturated tincture, extract. bell. ʒx, proof spir. f℥xij. *Dose.* ♏ij–iij–vj.)

ATROPIA. (Crystallised alkaline salt, from the root of Atropa Belladonna.)
Dose and Form. (Almost too energetic for internal use. Gr. 1-30 to 1-10 in solution.)

1. ATROPIÆ SULPHAS. (For external use.) (See PART II.)

1. TINCTURA ATROPIÆ.
Comp. Atropia gr. i. rect. spir. ʒj. water ℥ vij.
Dose. ♏x–xv–lx.

2. SOLUTIO ATROPIÆ HYDROCHLORATIS.
Comp. Atropia gr. i. hydrochloric acid ♏i. water ℥ i.
Dose. ♏x–xv–lx.

3. UNGUENTUM ATROPIÆ. (See PART II.) Pereira.

CAMPHORA. (Laurus C. A peculiar concrete.)
Dose. Gr. j–xv, in pill, or (better) emulsion.

1. MISTURA CAMPHORÆ.
Comp. Camphor ʒss, rect. spir. ♏x, water ℥xx (℥j=gr. iss of camphor.)
Dose. ℥j–ij, or ad libitum.
Use. In typhoid diseases, rheumatism, dysmenorrhœa, strangury.

2. TINCTURA CAMPHORÆ. (Camphorated spirits of wine.)
Comp. Camph. ℥iv, alcohol Oij.
Dose. ♏x–ʒss (in saccharine or mucilaginous fluid; also externally).

3. Tinctura Camphoræ composita. (Paregoric elixir. Tinct. opii camphorata.)

Comp. Opium and benzoic acid, each ʒ j, Ol. anis. ʒ j, mel. desp. ℥ ij, camph. ℈ ij, dil. alc. Oij.

Dose. ʒ ss– ʒ ij.

Use. Relieve nausea, check diarrhœa. Infantile diseases, to procure sleep.

4. Linimentum Camphoræ. (See Part II.)

5. Linimentum Camphoræ compositum. (See Part II.)

[CANNABIS INDICA. (Indian Hemp.) (Not officinal.)

1. Extractum Cannabis Indicæ.

Dose. Gr. ss–ij.]

2. Chloroformyl (Chloroform.)

Form. Inhaled from a handkerchief or towel, applied externally pure, or mixed with olive oil.

COLCHICUM. (Purgatives. Diuretics.)

CONIUM. (C. maculatum. The leaves and fruit.)

Dose. Of the powder gr. ij–x.

Use. In cancer, pertussis, scrofulous tumours.

1. Tinctura Conii.

Comp. Hemlock ℥ iv, dil. alc. Oij.

Dose. ʒ ss–j.

2. Extractum Conii. (The inspissated juice.) (Often inert.)
Dose. Gr. ij–xx.

3. Pilulæ Conii Compositæ.
Comp. 5 ext. conii, 1 ipecacuan, treacle q. s.
Dose. Gr. v–x (6 grs.=gr. j ipec.)

4. Cataplasma Conii. (See Part II.)

DIGITALIS. (Diuretics.)

DULCAMARA. (Diuretics, Diaphoretics, q. v.)

HELLEBORUS. (Cathartics, Emetics, q. v.)

HYOSCYAMUS. (H. niger. Henbane. The leaves and seeds.)
Dose. Powder (rarely used) gr. iij–x.
Use. In cases where opium is inadmissible from constipating effects.

1. Extractum Hyoscyami. Inspiss. juice.)
Dose. Gr. iij–x–℈j.

2. Tinctura Hyoscyami.
Comp. Henbane ℥iv, dil. alc. Oij.
Dose. ʒss–ij.

LACTUCARIUM. (Lactuca sativa. Lettuce. The inspissated juice.)
Dose. Gr. ij–vj.
Incomp. Ammonia, alcohol.
Use. Occasionally instead of opium.

LACTUCÆ EXTRACTUM. (Watery Extract of the same.)
Dose. Gr. v–xv.

LOBELIA. (See EMETICS, ANTISPASMODICS.)

LUPULUS. (See AROMATIC BITTERS.)

NUX VOMICA. (Strychnos Nux Vomica. Dogsbane. The seeds.)
Dose. Gr. iij–xij.

1. STRYCHNIA. (Six times as strong as the alcoholic extract of nux vomica.)
Dose. Gr. 1-16–j.

[NOTE.—*Tinctura Nucis Vomicæ.*
Comp. Nux vom. ℥ viij, alcohol Oij.
Dose. ♏ v–x.

2. *Extractum Nucis Vomicæ.* (Ed. Dub.) Spirituous extract.
Dose. Gr. ss–j–ij.

3. Brucia. (From the nux vomica bark.)
Dose. Gr. ss–v.

OPIUM (and MORPHIA.) (Papaver Somniferum. The concrete juice of the unripe capsules.)
Dose and Form. Pill, powder, lozenge, electuary, gr. ¼–ss–j–ij–v–x.
Use. A general narcotic.

1. PILULÆ SAPONIS COMPOSITÆ.
Comp. Opium ℥ ss, soap ℥ ij.
Dose. Gr. iss–iiss–x (gr. v=opii gr. j.)

2. PILULÆ STYRACIS COMPOSITÆ.
Comp. 1 opium, 1 saffron, 3 storax.
Dose. Gr. iss–iiss–x (gr. v=opii gr. j.)

3. EXTRACTUM OPII PURIFICATUM (Watery extract: ¼ or ⅛th more active than opium.)
Dose. Gr. ¼–iv.

4. TINCTURA OPII. (Laudanum.)
Comp. Opium ℥ iiss, dil. alc. Oij.
Dose. ♏v– ʒj.

5. VINUM OPII. (Sydenham's liquid laudanum.)
Comp. Opium ℥ ii, cinnamon ʒj, cloves ʒj, sherry Oj.
Dose. ♏v– ʒj (about the same strength as tinct. opii, but more agreeable to taste.)

6. CONFECTIO OPII.
Comp. Opium ʒ ivss, aromatic powder, ℥ vj, mel. ℥ xiv (36 grs.=opii gr. j.)
Dose. Gr. x– ʒj.
Use. In diseases requiring a stimulating narcotic.

7. ENEMA OPII. (See PART II.)

8. LINIMENTUM OPII. (See PART II.)

9. TINCTURA CAMPHORÆ COMPOSITA. (See CAMPHOR.)
Comp. Camphor, opium, benzoic acid, &c.
Dose. f ʒ ss– ℥ ss (f ℥ j=opii gr. ij nearly.)

10. PULVIS IPECACUANHÆ COMPOSITA. (DIAPHORETICS.)
Comp. 1 opium, 1 ipecac., 8 sulph. potassæ.
Dose. Gr. iiss–v– ℈j (gr. x=opii gr. j.)

11. Pilulæ Ipecacuanhæ compositæ. (Diaphoretics.)
Comp. 3 pulv. ipec. c., 1 squills, 1 ammoniac.
Dose. Gr. v–x (gr. v=gr. ⅓ opium.)

12. Pulvis Kino compositus.
(Astringents.) (One gr. of opium in ℈j.)

13. Pulvis Cretæ compositus cum Opio.
(Antacids.) (One gr. of opium in ℈ij.)

14. Acetas Morphiæ.
Dose. Gr. ⅛–ss–j.
Incomp. Mineral acids, alkalies.

Liquor Morphiæ Acetatis.
Comp. Morph. acet. ʒiv, acetic acid ♏xv, water ℥xx, proof spirit ℥x (1 gr. of acet. morph in ʒj.
Dose. ♏iij–x–xx–ʒj.

15. Hydrochloras Morphiæ. (Muriate of morphia.)
Dose. Gr. ⅛–ss–j.

[*Morphiæ hydrochloratis solutio.* Ed. Ph.—Hydr. morphiæ, gr. xviij, spir. rect. ℥j, water ℥iij.
Dose. ♏x–xxx.

Trochisci morphiæ. Ed. Ph.—Hydr. morph. gr. v, tinct. tolu ʒj, sugar ℥vj=130 lozenges, each containing gr. 1-26 of morphia.

[*Liquor Morphiæ Sulphatis.* U. S. Solution of Sulphate of Morphine.
Comp. Sulph. Morph. grs. viij. aq. dist. Oss.
Dose. fʒj–ʒij.

Majendie's Solution is more frequently used than the above in New York, and as it contains 16 grains to the ounce is much more powerful. The dose is 5 to 10–20 drops. It should always be written sol. sulph. morph. (Majend.)]

Morphia itself is little used from its insolubility.

Liquor Opii Sedativus. Battley's sedative.

Comp. Said to be a solution of the watery extract.

Dose. ♏ij–xx.

Solutio Morphiæ Bimeconatis. This valuable preparation was introduced by Mr. Squire, in 1838. It is of the same strength as laudanum. It usually disorders the head less than other preparations of opium, and does not constipate the bowels.

Dose. ♏v–ʒj.

Acetum Opii. Substitute for *black drop.*

Comp. Opium ℥viij, distilled vinegar q. s. nutmeg ℥iss, saffron ℥ss, sugar ℥xij.

Dose. ♏ij–xx.]

Use. Does not produce so much nausea and headache as laudanum.

PAPAVER. (P. somniferum. The ripe capsules.)

1. Decoctum Papaveris. (See Part II.)

2. Extractum Papaveris. (Watery extract.)
Dose. Gr. ij–℈j.

3. Syrupus Papaveris.
Comp. A concentrated decoction and sugar.
Dose. (For infants) ʒ ss–j; (adults) ʒ ij–℥ ss.

STRAMONIUM. (Datura S. Thornapple. Leaves and seeds.) (Expectorants, Antispasmodics.)
Dose. Leaves gr. j–ij, seeds gr. ss–j.

1. Extractum Stramonii. (Watery extract.)
Dose. Gr. ¼–j.

[*Tinctura Stramonii.* (Ph. Amer.) *Comp.* Stram. seeds ℥ j, proof sp. ℥ viij. *Dose.* ♏ x–xx.]

TABACUM. (See Emetics, Diuretics.)

TOXICODENDRON. (Rhus Toxicodendron. Sumach. The leaves.
Dose. Powdered leaves gr. ss–iij.

VERATRIA. (Alkaloid from Asagræa officinalis.)
Dose. Gr. 1-12–ss in pill. (Rarely used internally.)
Unguentum Veratriæ. (See Part II.)

VERATRUM. (V. album. White Hellebore. The root.) (Emetics. Purgatives.)
Dose. Of the powder gr. j–ij.
Use. In lepra and other cutaneous affections.

1. Vinum Veratri.
Comp. Hellebere ℥ iv, sherry Oj.
Dose. ♏ x–xv.

Purgatives.

(Cathartics, Laxatives, Aperients, Eccoprotics, Drastics, Cholalogogues.)

ALOE. (A. Spicata. The inspissated juice.)

1. Extractum Aloes Purificatum.

Dose. Gr. ss–x.

Use. Habitual costiveness, amenorrhœa, ascarides.

[Note.—An invaluable aperient in small doses, and when minutely divided. The "Pilulæ ante cibum" of the Parisian Codex, is an excellent form; viz. Al. opt. gr. xv, Mastiches et Fol. ros. rub. excis. āā gr. v; Syrup. Absinth. q. s.; Divide in pil. xv. But a dose one half as strong often answers admirably; e. g. ℞. Ext. Al. pur. gr. x; Mastiches et Fol. Ros. rub. exsicc. āā gr. xv; Ol. Absinthii ♏x, M. ft. pil. xx. To be taken *cum prandio.*]

2. Pulvis Aloes compositus.

Comp. 3 aloës, 1 guaiacum, 2 pulvis cinnam. comp.

Dose. Gr. v–x.

Form. Powder, pill.

3. Pilulæ Aloes.

Aloës Sapo Hisp. āā ℥j. Mix intimately, and divide into 240 pills.

4. Pilulæ Aloes compositæ.
Comp. 2 aloës, 1 extract of gentian, ol. carui et syrup. q. s.
Dose. Gr. j–x.

5. Pilulæ Aloes cum Myrrha. (Rufus Pills.)
Comp. 2 aloës, ½ saffron, 1 myrrh, syr. q. s.
Dose. Gr. j–x–xv.

[Pilulæ Aloes et Ferri. (Ed. Ph)

Comp. 2 aloes, 3 ferri sulph., 6 pulv. cinnam. comp., 8 confect. roses.
Dose. Gr. v–x.]

Use. In constipation with debility, suppressed catamenia.

5. Pilulæ Camboglæ compositæ.
Comp. 3 aloes, 2 camboge, 1 ginger, 4 soap.
Dose. Gr. iij–x–xv.
Use. An active purge.

6. Pilula Colocynthidis composita.
Comp. 6 aloes, 2 scammony, 1 ext. of colocynth, 1½ soap, ½ cardamoms.
Dose. Grs. ij–v–x.

7. Decoctum Aloes compositum.
Comp. Extract of liquorice ʒ vij, carbonate of potass ʒ j, aloes ʒ jss, myrrh, ʒ jss, saffron ʒ jss, water f ℥ xxx (boil down to f ℥ xx), compound tinct. of cardam. f ℥ vij.
Dose. f ℥ ss–ij.
Form. In other fluids, or simple.
Incomp. Acids, salts, &c. (See Carbonate of Potass.)

8. Tinctura Aloes.
Comp. Aloes ℥ j, extract of liquorice ℥ iij, water Oiss, alc. Oss.
Dose. ʒ ij–℥ j.
Form. Single, or in other fluids.

9. Tinctura Aloes composita. (Elix. prop.)
Comp. Aloes ℥ iij, saffron ℥ j, tincture of myrrh Oij.
Dose. ʒ j–ij.
Form. In other liquids, with other purgatives.
Use. Purgative, tonic, emmenagogue.

10. Vinum Aloes.
Comp. Aloes ℥ j, cardam. and ginger each ʒ j, sherry Oj.
Dose. ℥ ss–ij. (Stomachic ʒ j–ij.)
Form. Simple, or in composition.

11. Enema Aloes. (See Part II.)

CAMBOGIA. (Gum resin of Garcinia. Species uncertain.)
Dose. Gr. j–vj–x.
Form. Pill, powder, solution (with carb. of potass, &c.)—chiefly in composition.
Use. In dropsy with torpid bowels, for tænia.

1. Pilulæ Camboglæ compositæ.
Comp. 2 camboge, 3 aloes, 1 ginger, 4 soap.
Dose. Gr. iij–x–xv.

CASSIA. (Cassia Fistula. The pulp of the pods.)
Dose. ʒ ij–℥ j.
Form. Simple, but best in composition with other laxatives. (Not effective.)

1. Confectio Cassiæ.

Comp. 6 cassia pulp, 2 manna, 1 tamarind pulp, syrup of rose, q. s.

Dose. ʒ ij–℥ j. (Not effective—not very eligible.)

2. Confectio Sennæ. (See Senna.)

COLCHICUM. (The cormus and seeds of Meadow Saffron.)

Use. Said to produce bilious stools.

1. Colchici Cormus.

Dose and Form. Powder, gr. ij–viij.

2. Colchici Semina.

Dose and Form. Powder, gr. ij–viij.

3. Tinctura Colchici.

Comp. Colchicum seeds ℥ iv, dil. alc. Oij.

Dose. ♏x–xx–ʒ ij.

4. Tinctura Colchici composita.

Comp. Colch. seeds ℥ j, spir. ammoniæ arom. f ℥ xx.

Dose. ♏x–xx–ʒ ij.

5. Acetum Colchici.

Comp. Fresh colchicum cormus ℥ ij, acet. dist. Oij, alc. f ℥ j.

Dose. f ʒ ss–ij, in any mild fluid.

Incomp. Alkalies.

6. Vinum Colchici.

Comp. Colch. semin. ℥ iv, sherry Oij.

Dose. ♏x–ʒ ss–ij.

7. EXTRACTUM COLCHICI CORMI. (Watery Extract.)
Dose. Gr. j–iij.

8. EXTRACTUM COLCHICI ACETICUM.
Dose. Gr. j–iij.

(See ALTERATIVES. EMETICS.)

COLOCYNTHIS. (Cucumis Colocynthis. The dried pulp of the fruit.)
Use. A hydragogue cathartic. Dropsy.

1. COLOCYNTHIDIS PULPA.
Dose. Gr. j–iv–x.
Form. In powder, decoction, or infusion. (Unmanageable, seldom used.)

2. EXTRACTUM COLOCYNTHIDIS. (Watery Extract.)
Dose. Gr. v–x.
Form. Pill. (Keeps badly.)

3. EXTRACTUM COLOCYNTHIDIS COMPOSITUM.
Comp. Coloc. ℥ vj, pulv. aloes ℥ xij, scammony ℥ iv, cardam. ℥ j, sapo. hisp. ℥ iij, alc. dil. gall. j.
Dose. Gr. ij–v–x.
Form. Pill, single or in combination.
Use. In habitual costiveness.

4. ENEMA COLOCYNTHIDIS. (See PART II.)

ELATERIUM. (A fecula, from the fresh fruit of the Momordica Elaterium.)

1. EXTRACTUM ELATERII. (Inspissated juice.)
Dose. Gr. 1-16–j.
Form. Pill; aqueous solution.

HELLEBORUS. (H. niger. The root.)
Dose. Gr. iij–℈i. (Rarely used.)

1. Tinctura Hellebori.
Comp. Hellebore ℥iv, dil. alc. Oij.
Form and Dose. ♏xx–ʒj. (Rarely used as purgative.)

[Extractum Hellebori. (Watery extract.)
Dose. Gr. j–iij.]

HYDRARGYRUM.

1. Hydrargyrum cum Creta.
Comp. 3 mercury, 5 chalk.
Dose. Gr. j–v (alterative), gr. v–xv (laxative).
Form. Powder, pill.
Incomp. Acids and acidulous salts.
Use. For children.

2. Hydrargyri Chloridum. Calomel.
Dose. Gr. ss–j (alterative), gr. j–x (purgative).
Form. Pill, powder.
Incomp. Most salts, acids, and alkalies.
Use. In cases where action on liver is desirable.

3. Pilulæ Hydrargyri.
Comp. Mercury 1½, confect. rosæ 1½, liquorice ½.
Dose. Gr. j–iij–v–x.

4. Pilulæ Hydrargyri Chloridi compositæ (Plummer's pill.)
Comp. 1 chloride of mercury (calomel), 1 oxysulphuret of antimony, 1 treacle, 2 guaiac.
Dose. Gr. iiss–v–x.

JALAPA. (Ipomæa Jalapa. The root.)

1. Pulvis Jalapæ.
Dose. Gr. x–ʒ ss.
Form. Powder, pill, bolus, single or (more generally) combined.
Use. Hydragogue cathartic.

2. Pulvis Jalapæ compositus. (Pulv. Purgans.)
Comp. 1 jalap, 2 bitartrate of potash (cream of tartar).
Dose. ℈j–ʒj.
Form. Powder, mixture.
Incomp. Alkalies and alkaline earths, mineral acids, &c. (See Potassæ Bitart.)

3. Extractum Jalapæ. (Soft and hard.)
Dose. Gr. v–x–xv.
Form. Pill, powder.

4. Tinctura Jalapæ.
Comp. Jalap ℥ viij, dil. alc. Oij.
Dose. ʒj–℥ ss.
Form. In combination with other purgatives.

MAGNESIA.

1. Magnesia. (Calcined magnesia.)
Dose. Gr. x–xx–ʒ ss–j.
Form. Powder, electuary, mixture.
Use. In sick headache, acidity of primæ viæ.

2. Magnesiæ Carbonas.
Dose. Gr. xv–ʒij.
Form. Powder, electuary, mixture.
Incomp. Acids, alkalies, most salts, &c.
Use. In cases requiring an antacid laxative.

3. Magneslæ Sulphas. (Epsom Salts.)
Dose. ʒ ij–℥ iss.
Form. In solution (an oz. of water dissolves an oz. of salt).
Incomp. Muriates, nitrates, acetates, carbonates, &c.

MANNA. (Ornus Europæa. The concrete juice.)
Dose. ʒ j–iij–℥ iss.
Form. In solution, in milk, &c.; often with other purgatives.
Use. For children, pregnant women.

POTASSA.

1. Potassæ Acetas. (See Diuretics.)
Dose. ʒij–vj. (Diuretic ℈j–ʒ j.)
Form. In solution (an oz. of water dissolves about ʒ viss.)
Incomp. Sulphuric, nitric, hydrochloric acids, sulphates, &c.
Use. In dropsies.

2. Potassæ Sulphas.
Dose. Gr. xv–ʒj (alt. gr. v–x–xx.)
Form. Powder, solution more rarely, (an oz. of water dissolves 24 grs.)
Incomp. Nitric and hydrocyan. acids, &c.
Use. In visceral obstructions of children.

3. Potassæ Tartras.
Dose. ʒ j–℥ j.
Form. Solution (soluble when crystallized, in equal weights of water).

Incomp. Most acids and salts.
Use. A cooling purge in febrile diseases.

4. POTASSÆ BITARTRAS. (Cream of Tartar.)
Dose. ʒ j–vj.
Form. Solution, electuary, mixture. (Requires 120 parts of water to dissolve it.)
Incomp. Alkalies and alkaline earths, mineral acids, &c.
Use. In small doses, aperient; in large, hydragogue cathartic.

PRUNA. (Prunus domest. The dried fruit.)
Dose and Form. As fruit, dressed or undressed. Decoction in composition.

RHAMNUS. (Rhamnus Catharticus. Buckthorn. The berries.)

1. RHAMNI BACCÆ. (Baccarum Succus.)
Dose. Recent berries ℈j, dried berries ʒ j, expressed juice ℥ j. (Rarely used.)

2. SYRUPUS RHAMNI.
Comp. Buckthorn juice, ginger, pimenta, and sugar.
Dose. ʒ iij–℥ j (rarely used;) ʒ j added to purgative draughts and electuaries.

RHEUM. (Rheum Palmatum. Rhubarb. The root.)

Use. Unites astringent with cathartic properties. In dyspepsia with constipation, in diarrhœa if purging indicated, in secondary stage of cholera infantum, in fecal accumulations during typhoid disease.

1. Rhei Pulvis.
Dose. Gr. v–xxx.
Form. Powder, pill, electuary, mixture.

2. Infusum Rhei.
Comp. Rhubarb ʒ i, water Oss.
Dose. f ℥ j–iij. (Stomachic, ʒ ij–vj.)
Incomp. Stronger acids. Metallic solutions, salts of iron, tart. emet. Inf. of cusparia bark, catechu, &c.

3. Tinctura Rhei composita.
Comp. Rhubarb ℥ iiss, liquorice ʒ vj, ginger ʒ iij, saffron ʒ iij, proof sp. f ℥ xl.
Dose. f ʒ ij– ℥ iss.

4. Extractum Rhei.
Dose. Gr. v.–xv.
Form. Pill. Solution in aromatic water.

5. Pilulæ Rhei compositæ.
Comp. Rhub. ℥ j, aloes ʒ vj, myrrh ℥ ss, ol. menth. pp. ʒ ss, syr. aur. q. s. make 240 pills.
Dose. Gr. v–xv.

[Pulvis rhei compositus. Ed. Ph. (Gregory's Powder.)
Comp. 1 ginger, 2 rhubarb, 6 magnesia.]

RICINI OLEUM. (Ricinus communis. Oil of the seeds. Castor oil.)
Dose. ʒ j–iss.
Form. Pure, on some liquid. Emulsion with mucilage, &c.
Use. A mild and speedy cathartic, in fecal ac-

cumulations, in colic, diarrhœa, dysentery, enteritis.

ROSA. (R. Centifolia. Damask rose. The petals.)

1. SYRUPUS ROSÆ.
Comp. Sugared decoction.
Dose. ʒ ij–vj (for infants).

SAPO. (See ANTACIDS.)

SCAMMONIUM. (Convolvulus Scammonia. Scammony. The gum resin.)
Dose. Gr. ij–x.
Form. Fine powder triturated with sugar, &c. In solution.

1. PULVIS SCAMMONII COMPOSITUS.
Comp. 4 scammony, 4 ext. jalap, 1 ginger.
Dose. Gr. v–xv.
Form. Powder, pill, mixture, electuary.

2. CONFECTIO SCAMMONII.
Comp. 2 scammony, 1 cloves, 1 ginger, oil of carui and syrup, q. s.
Dose. Gr. v–x–ʒ j.

3. EXTRACTUM COLOCYNTHIDIS COMPOSITUM. (See COLOCYNTH.)

SENNA. (Cassia lanceolata, and C. obovata. The leaves.)
Dose and Form. Powder ʒ ss–ij. (Not much used.)
Use. A prompt, efficient, and safe purge.

1. Infusum Sennæ compositum.
Comp. Senna ℥ j, coriander ʒ j, water Oj.
Dose. f ℥ j–iij. Mostly in composition.
Incomp. Strong acids, metallic salts, lime water.

2. Confectio Sennæ. (Lenitive Electuary.)
Comp. Senna ℥ viii, figs ℔ j, tamarinds ℔ ss, cassia ℔ ss, prunes ℔ ss, coriander ℥ iv, liquorice root ℥ iii, sugar ℔ iiss, water Oiv.
Dose. ʒ j–iv.
Use. Admirable in habitual costiveness.

3. Tinctura Sennæ composita.
Comp. Senna ℥ iiss, caraway ʒ iiss, cardamoms ʒ j, raisins ℥ v, proof spirit f ℥ xl.
Dose. ʒ j– ℥ j.

4. Syrupus Sennæ.
Comp. Senna ℥ ij, fennel ℥ j, sugar ℥ xv, water Oj.
Dose. (For children) f ʒ j–iij.
Use. For children.

SODA.

1. Sodæ Phosphas.
Dose. ℥ ss–jss.
Form. Dissolved in gruel or broth.
Use. A mild purgative.

2. Sodæ Potassio-Tartras. (Soda Tartarisata. Rochelle salt.)
Dose. ʒ ij– ℥ j.
Form. Solution. Single or combined. (Soluble in 5 parts of water.)

Incomp. Most acids and acidulous salts except bitartrate of potass.
Use. A mild, cooling purge.

[NOTE. SEIDLITZ POWDERS. *Blue Paper.* Sod. pot. tart. ʒ ij, sodæ bicarb. ℈ij. *White Paper.* Acid. tart. grs. xxxv.]

3. SODÆ SULPHAS. (Glauber's salt.)
Dose. ʒ ij–℥ jss.
Form. Solution. (An oz. of water dissolves ʒ iiiss.) Taste disguised by a little lemon juice or bitart. potassæ.
Incomp. Fixed alkalies and their carbonates.
Use. An efficient cathartic.

4. SODÆ ACETAS.
Dose. ʒ j–℥ ss.
Incomp. The mineral acids.

SULPHUR. (S. Sublimatum. Flowers of Sulphur.)
Dose. ʒj–ij.
Form. Powder, electuary, suspended in milk, &c.
Use. In hæmorrhoids, chronic rheumatism, catarrh, gout.

TAMARINDUS. (Tamarindus Indica. The pulp of the legume.)
Dose. ʒss–ij, as an adjunct.
Incomp. Salts of soda and potass.
Use. Laxative and refrigerant.

TEREBINTHINÆ OLEUM. (Distilled oil from the resin of Pinus Silvestris.)

1. Terebinthinæ Oleum purificatum.
Dose. ʒj–iij–℥ iss.
Form. Floating on any fluid. Emulsion.
Use. In ascarides, obstinate constipation, tympanites.

2. Enema Terebinthinæ. (See Part II.)

TIGLII OLEUM. (Croton Tiglium. Croton Oil. Expressed from the seeds.)
Dose. ♏½–ss–j.
Form. Pill, with bread or any extract. Emulsion.
Use. A powerful hydragogue cathartic. Mania, coma, obstinate constipation.

VERATRUM. (White Hellebore.) See Emetics.)

Refrigerants.

(Antiphlogistics, Temperants, Febrifuges, Salines.)

ACETUM. (Common Vinegar.)

1. Acetum Destillatum. (Distilled vinegar.)
Dose. f ʒ i–iij. with water and sugar.

2. Acidum Aceticum. (Seven times stronger than distilled vinegar.)
Dose. ♏ij–x, largely diluted.

3. Acidum Acetîcum Dilutum.
Comp. Acetic acid (sp. gr. 1·041) Oj, aq. distill. Ovij. mix.

ACIDUM CITRICUM. (Solid SALT OF LEMON.)
Dose and Form. Gr. x–ʒj, largely diluted in water, with sugar; or with the alkalies in the form of saline draught.
Incomp. Acids and alkalies.

[NOTE.—The following quantities of alkaline carbonates are required to saturate a scruple of Acid. Cit.: Pot. bicarb. gr. xxix, pot. carb. gr. xxiv, ammon. sesquic. gr. xvij, carb. sodæ gr. xlj, sod. sesquic. gr. xxiv.—*Pereira.*]

ACIDUM HYDROCHLORICUM DILUTUM.
Comp. Acid. hydrochlor. ℥iv, water f℥xij.
Dose. ♏v–xx, largely diluted.

ACIDUM NITRICUM DILUTUM.
Comp. Acid. nitric. ℥j, water f℥vj.
Dose. ♏v–xx, largely diluted.

ACIDUM SULPHURICUM DILUTUM.
Comp. Acid. sulph. ℥j, water ℥xiij.
Dose. ♏v–xx, largely diluted.
Incomp. Alkaline carbonates, metallic oxides.

ACIDUM TARTARICUM.
Dose. ʒss–ʒj, dissolved in much water, also to saturate the alkalies for saline draughts.
Incomp. Alkalies and their carbonates.

ACETOSELLA. (Oxalis A. Wood sorrel.)
Use. Infused in water, or boiled in milk to form whey.

AMMONIA.

1. Liquor Ammoniæ Acetatis. (Spirit of Mindererus).
Comp. Am. sesquic. ʒ ix (*vel* q. s.) acet. dest. f ℥ xx. (A saturated solution.)
Dose. fʒiij–vj.
Incomp. Acids and alkalies.

2. Liquor Ammoniæ Citratis.
Comp. Citric Acid ℥ iij, water ℥ xx. Ammon. sesquic. ℥ ijss, vel q. s. (A saturated solution.)
Dose. ʒ iij– ℥ ss– ℥ i.

AURANTIUM. (Citrus A. Orange. The fruit.)

LIMONES. (Citrus Limonum. The fruit.)

1. Succus Limonum. (Lemon juice.) Diluted as lemonade.
[*Artificial Lemon juice.* Acid. citric. ℥ viiiss, aquæ distill. ℥ xvj, ol. limon. ♏ iv–x.]

2. Syrupus Limonum.
Comp. Lemon juice Oj, sugar ℔ ij.
Dose. ʒj–iij, added to aqueous fluids.

MORA. (Morus nigra. The Mulberry. The fruit.)

1. Syrupus Mori.
Comp. Mulberry juice ℥ x, sugar ℥ xv.
Dose. ʒj–iij, added to aqueous fluids.

POTASSA.

1. Acetas Potassæ?
Dose. ♋i–ʒi, in diluent mixtures.

2. Potassæ Bitartras. (Cream of tartar.)
Dose. ʒj–ij, in water largely diluted, ad libitum. (*Imperial:* cream of tartar ʒj, boiling water ℥xx, sugar, lemon-peel q. s. *Cream of tartar whey:* ʒij to ℥xx of boiling milk.)

3. Potassæ Nitras. (Nitre.)
Dose. Gr. ij–℈j.
Incomp. Sulph. acid, alkaline sulphates.

4. Potassæ Carbonas.

5. Potassæ Bicarbonas.

Saline draughts.

[(*a*) Pot. carb. ℈j, acid. cit. gr. xvij, *vel* acid. tart. gr. xviij, *vel* succ. lim. ℥ss.
(*b*) Pot. bicarb. ℈j, acid. cit. gr. xiv, *vel* acid. tart. gr. xv, *vel* succ. lim. ℥iiss.]

PRUNA. (Prunes. The dried fruit.)

(Emollients. Purgatives.)

ROSA CANINA. (Dog-rose. The fruit—*Hips.*)
1. Confectio Rosæ Caninæ. (Conserve of Hips.)
Comp. 3 hip-pulp, 5 sugar.
Dose and Form. A vehicle for pills, linctus, or electuary, ad libitum.

RUMEX. Rumex acetosa. (Sorrel. The leaves.)
Use. Infused in water, or to form whey.

SODA. (Citrate and tartrate.)
1. Sodæ Carbonas. (Olim Subcarbonas.)
2. Sodæ Sesquicarbonas. (Olim Carbonas.)

Saline draughts.

[(*a*) Sodæ carb. ℈j, acid citric. gr. x; *vel* acid. tartar. gr. xj; *vel* succ. limon. ℥iiss.
(*b*) Sodæ sesquicarb. ℈j, acid. citric. gr. xvij; *vel* acid. tartar. gr. xviij; *vel* succ. limon. ℥ss.]

[PULVERES EFFERVESCENTES. (Ed. Ph.)
Blue paper. Bicarb. sodæ, gr. xxxiij; *vel* bicarb. pot. gr. xl.
White paper. Acid. tart. gr. xxx.]

TAMARINDUS. (T. Indica. The pulp.)

UVA. (Raisins stoned. The dried fruit.)

Sialogogues. Masticatories.

(See STIMULANTS, ALTERATIVES, NARCOTICS.)

ARMORACIA.
CARYOPHYLLUS.
HYDRARGYRUM.
MEZEREUM.
PIPER.
PYRETHRUM.
TABACUM.
ZINZIBER.

Stimulants.

ÆTHER SULPHURICUS.
Dose. ♏xx–℥j.

1. Spiritus Ætheris compositus. (Hoffman's anodyne.)
Comp. Æth. sulph. Oss, spir. rect. Oj, ætherial oil ʒ iij.
Dose. ʒss–j.
Use. To quiet nervous irritation. Added usefully to laudanum to prevent nausea.

ALCOHOL. Sp. gr. ·835.
Dose. ʒ ss–j.

Note.—The words "proof spirit" occurring in the text are to be understood as of sp. grav. 0 920. Such formulæ are unchanged from the London Dispensatory.

2. Spiritus Tenuior. (Dil. alc.) Sp. gr. ·935.
Comp. Alcohol and aq. dist., each 1 pint.
Dose. ʒ ij– ℥ j.

3. Spiritus Vini Gallici. (Distilled from French wine. Brandy.)
Dose. ʒj– ʒ iij.

4. Mistura Spiritus Vini Gallici.
Comp. Brandy ℥ iv, aq. cinnam. ℥ iv. yolk of two eggs, ℥ ss, sugar ℥ ss, oil of cinnamon ♏ij. (Egg flip.)
Dose. ʒ ij– ℥ ij.

AMMONIA.

1. Liquor Ammoniæ Fortior. Sp. grav. ·882. (1 ammonia, 3 water—nearly.)
Dose. ♏v–xv, with water or milk. (Rarely used internally.)

2. Liquor Ammoniæ. (1 ammonia, 9 water.) Sp. grav. ·960.
Dose. ♏x–xx.

3. Ammoniæ Sesquicarbonas. (Olim A. Subcarbonas.)
Dose and Form. Gr. ij–x, in pill or liquid.
Incomp. Acids and alkalies.

4. Liquor Ammoniæ Sesquicarbonatis.
Comp. Sesquic. of ammonia ℥j, water ℥v.
Dose. ʒss–j.

5. Spiritus Ammoniæ.
Comp. Ammonia, lime, alcohol, and water.
Dose. ʒss–j.

6. Spiritus Ammoniæ Aromaticus.
Comp. Ammonia, carb. potass, cinnamon, cloves, lemon peel, alcohol, and water.
Dose. ʒss–j.
Use. In hysteria.

7. Spiritus Ammoniæ Fætidus.
Comp. The same, with assafætida in place of cinnam. &c.
Dose. ʒss–j.

8. Linimentum Ammoniæ. (See Part II.)

9. Linimentum Ammoniæ Sesquicarbonatis. (See Part II.)

10. Tinctura Ammoniæ composita. (Eau de Luce.) (Antispasmodics.)
Comp. Mastic ʒij, rect. spir. ʒix, oil of lavender ♏xiv, oil of amber ♏iv, liquor ammon. fort. ℥xx.

Dose. ♏v–xxx in water.
Incomp. Acids and earthy salts.

ARMORACIA. (Cochlearia A. Horse-radish The root.)
Dose. ʒ ss–ij. scraped.
Use. In scorbutic affections.

1. Spiritus Armoraclæ compositus.
Comp. Horse-radish, orange peel, nutmegs, proof spirit and water.
Dose. ʒj–iij.

2. Infusum Armoraclæ compositum.
Comp. Horse-radish, mustard, each ℥j, water Oj.
Dose. ℥j–ij.

CAJAPUTI. (Melaleuca minor. The oil.) (Antispasmodics.)
Form and Dose. The oil, ♏ij–xx on sugar or in emulsion.
Use. In spasmodic affections of stomach and bowels unconnected with inflammation.

CREASOTON. (Oxyhydrocarburet from pyroxylic oil.)
Dose and Form. ♏j–vj in spirit and water, camphor mixture, or mucilage.
Incomp. Mineral acids.

[Mistura Creasoti. (Edin. Ph.)
Comp. Creasot. et acid. acet. āā ♏xvj, spir. junip. comp. et syrup. āā ℥j, water ℥xiv.
Dose. ℥ ss–ij.]

Use. Internally, as an expectorant. Externally to eruptions.

SERPENTARIA. (Aristolochia S. Virginian Snakeroot. The root.) (Aromatics.)
Dose. Powder gr. x–ʒ ss.

1. Infusum Serpentariæ.
Comp. Serp. ℥ ss, water Oj.
Dose. ℥ j–ij.
Use. In low forms of fever.

2. Tinctura Serpentariæ.
Comp. Serp. ℥ iii, dil. alc. Oij.
Dose. ʒ j–ij.

SPIRITUS VINI GALLICI. (French Brandy.)
Dose. ʒ ij–℥ j.

1. Mistura Spiritus Vini Gallici.
Comp. Ol. cinnamon ♏ ij, 2 yolks of eggs, sugar ℥ ss, French brandy and cinnamon water āā ℥ iv.
Dose. ʒ ij–x. (Egg Flip.)

VINUM XERICUM. (Sherry Wine.)
Dose. ʒ ij–℥ i–ij. Ad libitum.

From the Class of Aromatic Bitters, *q. v.*

Absinthium.

Acorus.

Anthemis.
1. Infusum Anthemidis.
2. Oleum Anthemidis.

Aurantii Cortex.
1. Infusum Aurantii compositum.
2. Tinctura Aurantii.
3. Confectio Aurantii.
4. Syrupus Aurantii.

Limonum Cortex.
1. Oleum Limonum.

Contrajerva.

Cusparia.
1. Infusum Cuspariæ.

Lupulus.
1. Infusum Lupuli.
2. Tinctura Lupuli.
3. Extractum Lupuli.

Canella.

Capsicum.
1. Tinctura Capsici.

Cardamomum.
1. Tinctura Cardamomi.
2. Tinctura Cardamomi composita.

Caryophyllus.
1. Oleum Caryophylli.

Cinnamomum.
1. Pulvis Cinnamomi compositus.
2. Aqua Cinnamomi.

3. Tinctura Cinnamomi.
4. Tinctura Cinnamomi composita.
5. Oleum Cinnamomi.
6. Spiritus Cinnamomi.

Cubeba.
1. Tinctura Cubebæ.

Myristica.
1. Oleum Myristicæ.
2. Spiritus Myristicæ.

Pimenta.
1. Oleum Pimentæ.
2. Spiritus Pimentæ.
3. Aqua Pimentæ.

Piper Longum.

Piper Nigrum.
1. Confectio Piperis Nigri.

Inula.

Sinapis.

Zinziber.
1. Tinctura Zinziberis.
2. Syrupus Zinziberis.
3. Extractum Zinziberis (not officinal).

From NARCOTICS, *q. v.*

Camphora.
1. Mistura Camphoræ.
2. Tinctura Camphoræ.
3. Tinctura Camphoræ composita.

(Local.) Linimentum Camphoræ.
Linimentum C. compositum.

Dulcamara?

Helleborus?

Nux Vomica. *Strychnia?*

Veratrum?

From ANTISPASMODICS, *q. v.*

Castoreum.
1. Tinctura Castorei.

Galbanum.
1. Pilulæ Galbani compositæ.

Moschus.
1. Mist. Moschi.

Valeriana.
1. Tinctura Valerianæ.
2. Tinctura Valerianæ Ammoniata.

Petroleum.

From CARMINATIVES, *q. v.*

Anethum.
1. Aqua Anethi.

Anisum.
1. Oleum Anisi.
2. Spiritus Anisi.

Carui.
1. Oleum Carui.
2. Spiritus Carui.
3. Aqua Carui.

Coriandrum.

Cyminum.

Lavandula.
1. Oleum Lavandulæ.
2. Spiritus Lavandulæ.
3. Tinctura Lavandulæ composita.

Mentha Piperita.
1. Oleum Menthæ Piperitæ.
2. Spiritus Menthæ Piperitæ.
3. Aqua Menthæ Piperitæ.

Pulegium.
1. Oleum Pulegii.
2. Spiritus Pulegii.
3. Aqua Pulegii.

Mentha Viridis.
1. Oleum Menthæ Viridis.
2. Spiritus Menthæ Viridis.
3. Aqua Menthæ Viridis.

Origanum.
1. Oleum Origani.

Rosmarinus.
1. Oleum Rosmarini.
2. Spiritus Rosmarini.

From EXPECTORANTS, *q. v*

Balsamum Peruvianum.

Balsamum Tolutanum.
1. Tinctura Balsami Tolutani.
2. Syrupus Tolutanus.

Myrrha.
1. Tinctura Myrrhæ

Copaiba.

From EMMENAGOGUES, *q. v.*

Ergota.
Ruta.
1. Confectio Rutæ.
Sabina.

From DIURETICS, *q. v.*

Cantharis.
Chimaphila?
1. Decoctum Chimaphilæ.
Terebinthina.
Terebinthina Chia.
Oleum Terebinthinæ.
Spiritus Ætheris Nitrici.

Tonics.

MINERAL TONICS.

(Acids, Earths, Metals.)

ACIDUM ARSENICUM. (White Arsenic.)

Dose. Gr. 1-16–¼ in pills with bread (after a meal.)

Incomp. Acids, earth, bitter infusions.

1. LIQUOR ARSENICI CHLORIDI. (De Valangin's Solutio Solventis Mineralis.)

Comp. Arsenious acid ʒss, hydrochloric acid ʒiss, water ℥xx. (An ounce contains gr. iss of arsenious acid.)

Dose. ♏iij–x–xv–xx.

[LIQUOR ARSENICI ET HYDRARGYRI IODIDI.] (Donovan's solution.)
Comp. Iodide of arsenic, red iodide of mercury, each 35 grains, distilled water Oss, mix.
Dose. ♏v–xx.
Use. In lepra, psoriasis, rupia, secondary eruptions.

2. LIQUOR POTASSÆ ARSENITIS. (Liquor Arsenicalis. Fowler's Solution.)
Comp. Arsenious acid, carb. of pot. āā grs. lxiv, compound tinct. lavender ℥ss, water q. s.
Dose. ♏iij–xx.
Use. In intermittents, lepra, cephalalgia.

ACIDUM HYDROCHLORICUM. (A. Muriaticum. Liquid hydrochloric acid.)
Dose. ♏v–x in aqueous fluids.
Incomp. Alkalies, earths, &c.

1. ACIDUM HYDROCHLORICUM DILUTUM. (Dilute Muriatic Acid.)
Comp. Acid 1 part, water 3 parts.
Dose. ♏x–ʒss, in aqueous fluids.
(See REFRIGERANTS.)

ACIDUM NITRICUM. (Strong or fuming Nitric acid.)
Dose. ♏j–x. (Rarely used.)

1. ACIDUM NITRICUM DILUTUM.
Comp. Acid 1 part, water 6 parts.
Dose. ♏x–ʒss.
Incomp. Acids, earths, sulph. of iron, &c.

[NOTE. *The Nitro-muriatic bath.* Acid. hydrochlor. 2 parts, acid. nit. 1 part, water 3 parts.— ℥ ij of this dilute acid to a gallon of water. (See REFRIGERANTS.)]

ACIDUM SULPHURICUM. (Aqueous Sulphuric Acid. Oil of Vitriol.)

ACIDUM SULPHURICUM AROMATICUM.
Comp. Sulp. acid ℥ iijss, pulv. zinzib. ℥ j, pulv. cinnam. ℥ iss, alcohol q. s.
Dose. ♏ x–xxx.
Use. Colliquative sweats, hemorrhages.

1. ACIDUM SULPHURICUM DILUTUM.
Comp. Acid 1 part, water 13.
Dose. ♏ x–ʒ ss, in aqueous fluids. As gargle ʒ i–ij in ℥ viij.
Incomp. Earthy oxides, alkaline carbonates.
Use. For colliquative sweats, hemorrhages.

ARGENTI NITRAS. (Argentum Nitratum. Lunar Caustic.)
Dose. Gr. $\frac{1}{6}$–iij in pill with bread crumb or vegetable powder.

1. LIQUOR ARGENTI NITRATIS.
Comp. Argent. nit. ʒ j, water ℥ j. (A test.)
Use. Epilepsy, chorea, angina pectoris.

BISMUTHI TRISNITRAS?
Dose and Form. Gr. v–℈ j, in pill or powder.
Use. In chronic diseases of the stomach.

CALCII CHLORIDUM. (Muriate of Lime.) Used in solution as—

1. Liquor Calci Chloridi.
Comp. Chloride of lime 1 part, water 2·5 parts.
Dose. ♏xx–ʒiss. (See Alteratives.)
Use. In scrofula, tabes mesenterica.

CUPRUM?

1. Cupri Sulphas.
Dose. Gr. ¼–iss, in pill.

2. Cupri Ammonio Sulphas. (C. Ammoniatum. Ammoniate of copper.)
Dose. Gr. ss–v, in pill.

3. Liquor Cupri Ammonio Sulphatis.
Comp. Ammonio-sulph. of copper ʒj, water f℥xx.
Dose. ʒj–ij. Externally as lotion and (diluted) collyrium.
Incomp. Acids and alkalies.

FERRUM.

1. Ferri Sesquioxydum. (Ferri oxydum, F. carbonas, F. subearbonas, F. rubigo.)
Dose and Form. Gr. x–ʒij, as an electuary with syrup, treacle, and with aromatics.
Incomp. Acids and acidulous salts.
Use. As a general tonic, especially in anæmic condition.

2. Ferri Ammonio-Chloridum. (F. ammoniatum.)
Dose. Gr. iij–℈j in powder, or pill with extracts. (Little used.)

3. Tinctura Ferri Ammonio-Chloridi.
Comp. F. Am. chlor. ℥ iv, proof spir. f ℥ xx.
Dose. ʒ ss–ij. (Little used.)

4. Ferri Ammonio Citras.
Dose. Grs. iij–xx in water or bitter infusion.

5. Tinctura Ferri Sesquichloridi.
(Tinct. Ferri muriatis.)
Comp. F. subcarb. ℔ss, acid. hydrochlor. Oj, alc. Oiij.
Dose. ♏v–x–ʒj, in simple liquids.
Incomp. Alkalies and their carbonates, astringent vegetable infusions, gum Arabic.
Use. A general tonic, with special tendency towards the urinary organs.

6. Ferri Iodidum.
Comp. A deliquescent salt: iron 14, iodine 63·3, water 22·7 in 100 parts.
Dose. Gr. ij–vj, in distilled water with tinct. (with iron wire.)
Incomp. Acids, alkalies, vegetable infusions, &c. (Should always be kept ready in solution, else it is never neutral.)

(See Deobstruents or Alteratives.)

7. Ferri Carbonas cum Saccharo.
Comp. A mixture of oxide of iron, carbonic acid, and sugar.
Dose. Grs. v–x–xx.

8. Ferri Sulphas.
Dose. Gr. j–v, in pill, with extracts or aromatic confection.

9. Mistura Ferri composita.
(Griffith's mixture.)
Comp. Myrrh ʒj, carb. of potash gr. xxv, sulphate of iron ℈j, sugar ʒj, spirit of lavender ℥ss, rose water ℥ viijss.
Dose. ℥ss–ij, simple or with aromatics.
Incomp. Acids, acidulous salts, bitters.
Use. In chlorosis, menstrual derangement, hectic.

10. Pilulæ Ferri compositæ.
Comp. 1 sulphate of iron, 1 carbonate of soda, syr. q. s., 2 myrrh. (The sulphate is decomposed.)
Use. A good emmenagogue.

11. Ferri Potassio-Tartras. (F. Tartarisatum.)
Dose. Gr. x–ʒss in pill, bolus, or solution in carminative water.

ZINCUM.
Use. For cases of debility attended with irritation.

1. Zinci Oxydum. (Flores Zinci.)
Dose. Gr. j–vj, in pill or powder.

2. Zinci Sulphas.
Dose. Gr. j–v, in pill.

VEGETABLE TONICS. BITTER TONICS.

CALUMBA. (Cocculus Palmatus. Root.)
Dose. Gr. x–ʒss in powder.
Use. In decline of remittent, of dysentery, of cholera.

1. INFUSUM CALUMBÆ.
Comp. Calumba ℥ ss, water Oj.
Dose. ℥ j–ij.
Incomp. Bichloride of mercury, lime water.

2. DECOCTUM CALUMBÆ COMPOSITUM. Calumb., quassia, each ʒ ij, orange peel ʒ j, rhubarb ℈ j, subcarb. potass. ʒ ss, aqua ℥ xx, boil to ℥ xvj, strain and add tinc. lavand. comp. ʒ ss.

2. TINCTURA CALUMBÆ.
Comp. Calumba ℥ iv, dil. alc. Oij.
Dose. f ʒ j–iv (added to bitter infusions and effervescent draughts).

CINCHONA. (*a.* C. Cordifolia, Yellow bark. *b.* C. Lancifolia, Pale bark. *c.* C. Oblongifolia, Red bark.
Dose. Powder, gr. x– ʒ ij.
Use. Intermittent fever, whenever a permanent corroborative effect is desired, provided the stomach be in a proper state.

1. INFUSUM CINCHONÆ.
Comp. Cinchona (lancifol.) ℥ j, water Oi.
Dose. f ℥ j–ij.
Incomp. Lime water, tart. emet., sulphate of zinc and iron.

2. DECOCTUM CINCHONÆ CORDIFOLIÆ. (Olim DECOCTUM CINCHONÆ.)

3. DECOCTUM CINCHONÆ LANCIFOLIÆ.

4. DECOCTUM CINCHONÆ OBLONGIFOLIÆ.
Comp. Cinchona ℥ j, water Oj.
Dose. ℥ j–ij.

Incomp. Lime water, tartar emetic, sulphate of iron.

5. Tinctura Cinchonæ.
Comp. C. cord. ℥ vj, dil. alc. Oij.
Dose. f ʒ j–℥ ss.

6. Tinctura Cinchonæ composita. (Huxham's Tincture.)
Comp. Cinchona (lanc.) ℥ ij, orange peel ℥ iss, serpentaria ʒ iij, saffron ʒ j, red saunders ʒ j, dil. alc. f ℥ xx.
Dose. f ʒ j–iv.

7. Extractum Cinchonæ Cordifoliæ. (Olim Extract. Cinchonæ.)

8. Extractum Cinchonæ Lancifoliæ.

9. Extractum Cinchonæ Oblongifoliæ.
Comp. Watery extract.
Dose. Gr. x–xx.
Form. Pill, solution in water, &c., syrup of mulberries (for children).

10. Quinæ Disulphas. (Sulphate of quinine.)
Comp. From the C. cordifolia.
Dose. Gr. ss–x.
Form. Pill, with conserve of roses, powder with sugar. Solution, in acidulated liquids, water, alcohol, or syrup.

[The best vehicle is distilled water, slightly acidulated. It is little soluble in pure water; more so in spirit. Soluble in 780 parts of cold water, or 80 parts of spirit of sp. gr. 0·85. (Pereira.) Very soluble in

sulph. acid. A drachm of acid. sulph. dil. will dissolve gr. xx. A convenient strong solution is made by dissolving gr. j in water ʒj, by the addition of acid. sulph. dil. ♏ij. When infusion of roses is used as a vehicle, dilute nitric acid should be used in place of sulphuric, and in the proportion of *half as much more* as of the sulphuric. The nitric acid keeps the tannate of quinine in solution, and keeps the mixture clear. (Mr. Squire, in Pharm. Jour.)]

Use. Preferable to cinchona from convenience of administration. Possesses more anti-intermittent and less tonic property than cinchona.

GENTIANA. (G. Lutea. The root.)

Dose. Powder gr. x–ʒss. (Not much used.)

Use. In dyspepsia, gout, worms, intermittent.

1. Infusum Gentianæ compositum.

Comp. Gentian ℥ss, orange peel ʒi, coriander ʒj, dil. alc. ℥iv, water ℥xij.

Dose. ℥j–ij.

Incomp. Sulphate of iron and zinc.

2. Mistura Gentianæ composita.

Comp. Inf. gent. comp. f℥vj, inf. sennæ comp. f℥iij, tinct. card. c. f℥j.

Dose. fʒx–℥ij.

3. Tinctura Gentianæ composita.

Comp. Gentian ℥ii, orange peel, ℥j, cardam. ℥ss, dil. alc. Oij.

Dose. fʒss–ij.

4. Extractum Gentianæ. (Watery extract.)
Dose. Gr. x–ʒ ss.

QUASSIA. (Q. excelsa. The wood.)
Dose and Form. Gr. x–ʒ ss of the powder (Rarely used.)

1. Infusum Quassiæ.
Comp. Quassia ʒ ij, cold water Oj.
Dose. f ℥ j–ij.
Incomp. Lead, silver. (May be used with chalybeates.)
Use. A pure bitter. In dyspepsia from debility of stomach, in remission of fever.

PART II.

REMEDIES FOR EXTERNAL AND LOCAL USE.

Cataplasmata. Poultices.

EMOLLIENT. SEDATIVE.

1. Cataplasma Lini. Linseed-meal poultice.
Comp. Boiling water f℥xx, linseed meal q. s.

2. Cataplasma Conii. Hemlock poultice.
Comp. Boiling water ℥xx, extract. conii ℥ij, linseed meal, q. s.

3. Cataplasma Aluminis. Ph. Dub. Alum poultice.
Comp. White of two eggs, alum ʒj]

STIMULANT. ANTISEPTIC.

1. Cataplasma Sinapis. Mustard poultice.
Comp. Powdered mustard and linseed meal, of each ℥v, boiling vinegar q. s.

2. Allium. Garlic. Boiled to a proper consistence.

3. Cataplasma Fermenti. Yeast poultice.
Comp. Flour ℥ xij, yeast of beer ℥ x.

4. [Cataplasma Carbonis Ligni. Ph. Dub. Charcoal poultice.
Comp. Charcoal q. s., added to linseed or oatmeal poultice.]

4. [Cataplasma Dauci. Carrot poultice. Ph. Dub. The carrot boiled to a proper consistence.]

Caustica. Vesicantia. Irritantia.

(Caustics. Blisters. Counter-irritants.)

1. Potassæ Hydras. (Olim P. Fusa.)

2. Potassa cum Calce. Less deliquescent than the preceding.

3. Argenti Nitras.

4. Acidum Aceticum.

5. Acetum Cantharidis.
Comp. Cantharides ℥ j, acid. acet. ℥ x.

6. [*Tela Vesicatoria. Charta Vesicatoria.* More elegant and equally effective preparations. Cantharidin, &c.]

7. Ceratum Cantharidis.
Comp. Powdered cantharides ℔ j, yellow wax and resin each ℥ vii, lard ℥ x.

8. UNGUENTUM CANTHARIDIS.
Comp. Flies ℥ ij, distilled water Oss, cerat. resinæ ℥ viij.

9. CERATUM SABINÆ.
Comp. Savine ℥ ij, resin cerate ℔ j.

10. [*Unguentum Mezerei.* Amer. Ph.
Comp. Mezereon ℥ iv, lard ℥ xiv, wax ℥ ij.]

11. UNGUENTUM ANTIMONII POTASSIO-TARTRATIS. Tartar-emetic ointment.
Comp. Ant. pot. tart. ʒ ij, lard ℥ j.

12. EUPHORBIUM. Mixed with turpentine or Burgundy pitch.

13. CAPSICUM. Added to Cataplasms.

14. MEZEREON. The bark softened in hot vinegar.

15. PIPER NIGRUM. Mixed with sinapisms or cataplasms.

16. RUTA. In substance, as a cataplasm.

[MOXAS.

Substances for producing counter-irritation by being burnt on the part. They are composed of various materials, and may be composed of any that will burn down slowly, such as cotton, the pith of plants, agaric, German tinder, &c. Percy used an *artillery match.* Larrey's moxa was a truncated cone of cotton stitched in linen, about four lines wide and six lines high. Dr. Sadler's, of St. Petersburg, are composed of the pith of the sunflower, cotton, and linen, steeped in a solution of nitre. Gräfe employed wafers dipped

in three parts of oil of turpentine and one part of æther.]

Cerata et Unguenta. Ointments.

EMOLLIENT. DEFENSIVE.

1. CERATUM.
Comp. Wax and olive oil, equal parts.

2. CERATUM CALAMINÆ. (Turner's cerate.)
Comp. Calamine, wax, āā ℥ iij, lard ℔ j.

3. CERATUM CETACEI. Spermaceti cerate.
Comp. Cetac. ℥ j, ceræ ℥ iij, ol. oliv. f ℥ vi.

4. CERATUM PLUMBI ACETATIS.
Comp. Plumb. acet. ʒ ij, ceræ ℥ ij, ol. oliv. ℥ viij.

5. CERATUM PLUMBI COMPOSITUM. (Goulard's cerate.)
Comp. Liq. plumb. diacet. f ℥ iiss, ceræ ℥ iv, ol. oliv. f ℥ ix, camphoræ ʒ ss.

6. CERATUM SAPONIS.
Comp. Sol. subacetate of lead Oij, wax ℥ x, olive oil Oj, soap ℥ vj.

7. UNGUENTUM CETACEI.
Comp. Spermaceti ʒ vj, wax ʒ ij, ol. oliv. ℥ iij.

8. UNGUENTUM SAMBUCI. (Elder ointment.)
Comp. Elder flowers and lard, equal parts—boil and strain.

9. UNGUENTUM ZINCI.
Comp. 1 oxide of zinc, 6 lard.

STIMULANT. DIGESTIVE.

1. CERATUM RESINÆ. (Basilicon.)
Comp. Resin ℥ v, wax ℥ ij, lard ℥ viij.

2. UNGUENTUM CREASOTI.
Comp. Creasote ʒ ss, lard ℥ j.

3. UNGUENTUM ELEMI.
Comp. Elem. ℥ vj, turpentine ℥ v, suet ℥ xij, ol. oliv. f ℥ ij.

4. UNGUENTUM GALLÆ COMPOSITUM.
Comp. Powdered galls ʒ ij, lard ℥ ij, opium ʒ ss.

5. UNGUENTUM HYDRARGYRI AMMONIO-CHLORIDI. (White precipitate ointment.)
Comp. Hydr. am. chlor. (white precipitate) ʒ j, ung. simp. ℥ iss.

6. UNGUENTUM HYDRARGYRI NITRATIS. (Citrine ointment.)
Comp. Mercury ℥ j. ac. nit. ʒ xj, fresh neat's foot oil f ʒ ix, lard ℥ iij.

7. UNGUENTUM HYDRARGYRI NITRICO-OXIDI. (Red precipitate ointment.)
Comp. Hyd. nit. ox. ʒ j, ung. simp. ℥ j.

8. UNGUENTUM PICIS LIQUIDI. (Tar ointment.)
Comp. Suet and tar, equal parts.

9. UNGUENTUM PIGIS NIGRI. (Pitch ointment.)
Comp. Pitch, wax, resin āā ℥ ix, ol. oliv ℥ xvj.

10. Unguentum Plumbi compositum.
Comp. Cret. præp. ℥ iv, acet. destil. ℥ iij, emplast. plumb. ℥ xviij, ol. oliv. ℥ x.

ALTERATIVE. DISCUTIENT.

1. Ceratum Hydrargyri compositum
Comp. 4 unguent. hyd. fort. 4 cerat. sap., 1 camphor.

2. Unguentum Hydrargyri fortius.
Comp. ♃4 mercury, 23 lard, 1 suet.

3. Unguentum Hydrargyri mitius.
Comp. 1 unguent. hyd. fort., 2 lard.

4. Unguentum Hydrargyri Iodidi.
Comp. 1 iod. of merc., 2 wax, 6 lard.

5. Unguentum Hydrargyri Biniodidi.
Comp. 1 biniod. of merc., 2 wax, 6 lard. (More active than the preceding.)

6. Unguentum Iodinii.
Comp. Iodine ℈j, lard ℥j, iod. potass. grs. iv, water ♏vj.

7. Unguentum Iodinii compositum.
Comp. Iodine ʒ ss, iod. of potass. ʒ j, lard ℥ ij, alc. ʒ j.

8. Unguentum Plumbi Iodidi.
Comp. 1 iodide of lead, 8 lard.

SPECIFIC.

1. Unguentum Sulphuris.
Comp. Sulphur ℔j, lard ℔ij.

2. UNGUENTUM SULPHURIS COMPOSITUM.

Comp. Sulphur ℥j, ammon. merc. et acid benzoinic āā ʒj, ol. bergamot et acid sulph. āā fʒj, nit. pot. ʒij, lard ℔ss.

3. UNGUENTUM VERATRI.

Comp. White hellebore ℥ij, lard ℥viij, ol. limon. ♏xx.

SEDATIVE. ANTISPASMODIC.

[1. *Unguentum Veratriæ.* Veratria ℈j, olive oil ʒj, lard ʒvij.

2. *Unguentum Aconitinæ.* Aconit. gr. iv, ol. oliv. ʒss, lard ℥j.

3. *Unguentum Belladonnæ.* Extr. Bell. ʒj lard, or spermaceti ointment ℥j.]

[*Collyria* (Eye Washes.)

Collyrium Aceti. Scarpa vinegar ℥j, brandy ℥j, rose water ℥viij.

Collyr. Aluminis (Guy's H.) Alum ℈j, rose water ℥vj.

Collyr. Argenti Nitratis. Mackenzie. Nit arg. grs. ij. to iv., aq. distill. ℥j.

Collyr. Cadmii. Sulphat. cadmii gr. j to ij, rose water ℥ij.

Collyr. Hydrarg. Bichlorid. Cor. sublim. gr. j, aqua ℥viij.

Collyr. Opiatum. Ext. opii grs. iv. aq. rosar. ℥iv.

Collyr. Plumbi. Sol. plumb. diacetat. gtt. x, aq. distill. ℥ iv, add vin. opii gtt. xx.

Collyr. Sod. Muriatis. A saturated solution of table salt.

Collyr. Tannini. Tannini grs. ij. to iij, aqua ℥ j.

Collyr. Zinci Sulphatis. Sulp. zinci gr. ss. to iv, aqua ℥ j. or aq. rosar. A. E.]

Emplastra. Plasters.

STIMULANT. DISCUTIENT.

1. Emplastrum Ammoniaci.

Comp. Ammoniacum ℥ v, acid acet. dil. Oss.

2. Emplastrum Ammoniaci cum Hydrargyro.

Comp. Ammoniac ℔ j, mercury ℥ iij, oil ʒ j. and sulphur grs. viij.

3. Emplastrum Galbani.

Comp. Galbanum ℥ viij, emplast. plumb. ℔ iij, turpentine ʒ x, pitch Burgund. ℥ iij.

4. Emplastrum Hydrargyri.

Comp. Mercury ℥ vj. emplast. plumb. ℔ j, olive oil and resin, each ℥ ij.

5. Emplastrum Cumini.

Comp. Cumin. j, carui 1, bayberries 1, Burgundy pitch 36.

6. Emplastrum Picis.

Comp. Burg. pitch 24, thus 12, wax 4, resin 4, oil of nutmeg 1, olive oil 2.

7. EMPLASTRUM FERRI.
Comp. Oxide of iron j, thus 1, lead plaster 8.

8. EMPLASTRUM POTASSII IODIDI.
Comp. Olive oil j, wax 3, iodide of potassium 4, thus 24.

ANODYNE. EMOLLIENT.

1. EMPLASTRUM BELLADONNÆ.
Comp. Extr. belladonnæ ℥ iss, emplast. resinæ ℥ iij.

2. EMPLASTRUM OPII.
Comp. Opium ℥ ij, pic. Burgund. ℥ iij, emplast. plumb. ℔ j, water ℥ iv.

ADHESIVE. DEFENSIVE.

1. EMPLASTRUM CERÆ.
Comp. 1 resin, 3 wax, 3 suet.

2. EMPLASTRUM PLUMBI.
Comp. Semivitrif. ox. plumb. ℔ v, olive oil Cong. j, water Oij.

3. EMPLASTRUM SAPONIS.
Comp. Soap ℥ iv, emplast. plumbi ℔ iij.

4. [*Court plaster.* Solution of isinglass on silk, and tincture of benzoin.

5. *Liston's plaster.* A solution of isinglass on oiled silk.]

6. [*Collodium.* (Collodion.) Carded cotton.

℥ss, pulv. nit. potass. ℥x, sulph. acid, f℥viij, æther Oijss, alc. f℥j.—A. E.]

Enemata. Alvine Injections.

CATHARTIC. STIMULANT.

1. Enema Aloës.
Comp. Aloes ℈ij, carb. potass. gr. xv, decoct. hordei ℥x.

2. Enema Colocynthidis.
Comp. Extract. coloc. c. ℈ij, soap ℥j, water ℥xx.

3. Enema Terebinthinæ.
Comp. Ol. terebinth. ℥j, yelk of eggs, q. s., barley water ℥xix.

4. [Enema Catharticum. Ph. Dub.
Comp. Manna ℥j, magnes. sulph. ℥ss, ol. oliv. ℥j, decoct. anthem. ℥x.]

5. [Enema Rutæ.
Comp. Confect. Rutæ ℥j, decoct. hord. ℥vj.]

SEDATIVE. EMOLLIENT.

1. Enema Opii.
Comp. Tinct. opii ʒss, decoct. of starch ℥iv.

2. Enema Tabaci.
Comp. Tobacco ʒj, boiling water ℥xx.

3. [Enema Fœtidum. Ed. Dub.
Comp. Enema cathart. ℥xij, tinct. assaf. ʒij.]

4. [ENEMA EMOLLIENS. (Decoct. malvæ comp.) *Comp.* Mallow ℥ j, chamomile ℥ ss, water ℥ xx, —boil and strain.]

The Endermic Method.

This consists in applying medicines in fine powder, pure or mixed into a paste with lard, gelatine, or cerate, to a blistered surface. The following medicines, among many others, have been used in this manner, and in the doses mentioned:

Morphia, and its salts . .	gr. $\frac{1}{4}$–ij.
Strychnia	gr. $\frac{1}{4}$–j.
Aconitina	gr. $\frac{1}{16}$–$\frac{1}{8}$.
Extract. belladonnæ . .	gr. ij–v.
Quinæ disulphas . . .	gr. ij–vj.
Moschus	gr. iv–viij.

Gargarismata. Gargles.

USED UNDILUTED.

1. DECOCTUM CINCHONÆ.
2. DECOCTUM QUERCUS.
3. INFUSUM CATECHU COMPOSITUM.
4. INFUSUM CINCHONÆ.
5. INFUSUM ROSÆ COMPOSITUM.

USED DILUTED.

6. Linimentum Æruginis.
7. Mel Boracis.
8. Tinctura Gallæ.
9. Tinctura Capsici.
10. Tinctura Kino.
11. Tinctura Myrrhæ.

Gargarismata. Gargles.

Garg. Acidi Muriat. Muriat. acid gtt. xxx, mel rosar. ℥ ij, decoct. hord. ℥ vj. Mix. Fol. rosar. ʒ ij, aq. bullient, Oj, acid mur. ʒ iss. Mix.

Gargar. Aluminis. Alum ℈j, inf. rosar. ℥ vij, mel rosar. ℥ j. Mix.

Gargar. Astringens. Inf. rosar. ℥ vij, acid sulph. dil. ʒ j, tinc. catechu ʒ vj, tinc. opii ʒ iss. Mix. Tannin ʒ ss, mel ros. ℥ ij, aqua ℥ viij, aq. rosar. ℥ ij. Mix.

Garg. Boracis. Borax ʒ ij, aqua ℥ vj, mel ℥ j. Mix.

Garg. Capsici. Tinc. capsic. ʒ j, aqua ℥ vj, aceti ℥ j. Mix.

Garg. Chlorinii. Aq. Chlorin. ℥ ij, aqua ℥ x. Mix.

Garg. Iodinii. Tinc. iod. ʒ j to ʒ ij, tinc. opii ʒ j, aqua ℥ vj. Mix. Ulcerated tonsils.

Garg. Myrrhæ. Tinc. myrrh ℥ ss, mel rosar. ℥ iss, aq. calcis ℥ vj. Mix.

Garg. Sodæ Chlorin. Sol. chlor. sod. ʒ xij, aqua ℥ xij. Mix.

Garg. Spiritus Vini. Brandy 1 part, aqua 5 parts. In salivation.

Garg. Stimulans. Inf. rosar. ℥ viss, acid. mur. dil. gtt. xl, tinc. capsic. ʒ iss, mel ʒ iij. Mix.

Garg. Tannini. Tannin. ʒss, mel rosar. ℥ ij, aq. ℥ viij, aq. rosar. ℥ ij. Mix.—A. E.]

Linimenta. Embrocationes. Fomentationes. Lotiones.

STIMULANT.

1. LINIMENTUM AMMONIÆ. (Stronger liniment.)
Comp. 1 liquor ammoniæ, 2 olive oil.

2. LINIMENTUM AMMONIÆ SESQUICARBONATIS. (Weaker liniment.)
Comp. 1 liq. amm. sesquicarb., 3 olive oil.

3. [LINIMENTUM AMMONIÆ COMPOSITUM.
Comp. Liq. ammoniæ ℥ v, tinct. camph. ℥ ij. spir. rosmar. ℥ j. Ph. Ed.]

[The preceding formula is an imitation of Dr. Granville's *antidynous lotions*, which are,

a. Lotio Ammoniata mitior.
Comp. Liq. ammon. fortiss. ℥ j, spir. rosmar. ʒ vj, spir. camph. ʒ ij.

b. Lotio Ammoniata fortior.
Comp. Liq. ammon. fortiss. ʒ x, spir. rosmar. ℥ ss. spir. camph. ʒ ij.]

4. LINIMENTUM CAMPHORÆ.
Comp. Camphor ℥ ss, olive oil ℥ ij.

5. LINIMENTUM CAMPHORÆ COMPOSITUM.
Comp. Camphor ℥ iiss, liq. ammoniæ ℥ viiss, spir. lavand. ℥ xx.

6. LINIMENTUM HYDRARGYRI COMPOSITUM.
Comp. Unguent. hyd. fort. ℥ iv, lard ʒ iv, camphor ℥ j, liq. ammon. ℥ iv.

7. LINIMENTUM SAPONIS CAMPHORATUM. (Opodeldoc.)
Comp. Soap ℥ iij, camphor ℥ j, oil rosmar. f ʒ j, ol. origan. f ʒ j, alcohol Oj.

8. LINIMENTUM TEREBINTHINÆ.
Comp. Oil of turpentine Oss, cerat. resin ℔ j.

9. OLEUM CAJAPUTI.
Comp. Simple, or mixed with olive oil.

10. [LINIMENTUM CROTONIS.
Comp. 1 croton oil, 5 olive oil.]

REFRIGERANT.

1. LIQUOR PLUMBI DIACETATIS. (Goulard.)

2. LIQUOR PLUMBI DIACETATIS DILUTUS.
Comp. Liq. pl. diacet. f ʒ ij, dist. water Oj.

3. [*Lotio Ammoniæ Hydrochloratis.* (Muriate of ammonia wash.)
Comp. Ammon. hydrochlor. ℥ j–ij, aquæ vel aceti ℥ xij, spir. rect. ℥ iv.]

SEDATIVE. EMOLLIENT.

1. DECOCTUM PAPAVERIS.
Comp. Poppy heads ℥ j, water f ʒ xx,—boil 15 minutes.

2. LINIMENTUM OPII.
Comp. 1 tinct. opii, 3 liniment. saponis.

3. TINCTURA ACONITI.

ASTRINGENT.

1. LIQUOR ALUMINIS COMPOSITUS.
Comp. Alum ʒ ij, sulph. zinci ʒ ij, water f℥ xv.

2. LIQUOR CALCIS.
Comp. Lime ℥ iv, dist. water Cong. j

3. DECOCTUM QUERCUS.
Comp. Oak bark ℥ j, water Oiss—boil to Oj.

FOR WOUNDS AND SKIN DISEASES.

1. LINIMENTUM ÆRUGINIS.
Comp. 1 verdigris, 7 vinegar, 14 honey.

2. LIQUOR CUPRI AMMONIO-SULPHATIS.
Comp. Cupri am. sulph. ʒ ss, water ℥ x.

3. [*Linimentum Calcis.* (Carron oil.)
Comp. Equal parts of lime water and linseed oil.]

4. [*Lotio Flava.* (Aqua Phagedenica.)
Comp. Hydrarg. bichlor. gr. ij, aquæ calcis ℥ j.]

5. [*Lotio Nigra.* (Black wash.)
Comp. Calomel ℈ j, liq. calcis ℥ vj.]

6. [*Lotio Hydrocyanica.* Acid. hydroc. dilut. ʒ j, water ℥ ij.]

Pulveres. Powders.

DESICCANT. ASTRINGENT. STIMULANT.

1. CALAMINA PRÆPARATA.
2. CRETA PRÆPARATA.
3. ALUMEN EXSICCATUM.
4. RHEI PULVIS.
5. HYDRARGYRI NITRICO-OXIDUM.
6. HYDRARGYRI CHLORIDUM.

For prurigo apply powdered starch after an alkaline wash—Oxid. zinci ʒ ij, camphor ʒ ss, powdered starch ℥ ij.—CAZENAVE.

Inhalation.

Medicines are applied to the mucous membrane of the larynx, trachea, and bronchi, in several ways.

1. Diffused in the air of the chamber, and thus inhaled in ordinary respiration. The vapor of water (steam), the fumes of tar, resin, myrrh, &c., are thus applied.

2. Mixed with water in a close glass vessel having two tubes inserted into it, the one admitting the air and passing it through the mixture, the other inserted into the patient's mouth,

through which the air of the vessel is drawn into the lungs. Chlorine gas, tincture of iodine, of conium, &c., are thus inhaled.

3. By means of the apparatus called "Mudge's Inhaler," or a greatly improved modification of this by Dr. Harwood, having a mouthpiece, which renders the process of inhalation much easier. Warm, watery vapors, in which various medicaments may be diffused or developed, are thus applied to the air-passages.

4. Anæsthetic or soporific, as sulphuric ether, and especially chloroform, inhaled by means of special apparatus, or simply by moistening a handkerchief and placing it before the mouth.

PART III.

I. POISONS AND COUNTERPOISONS.

Corrosive and Irritant Poisons.

POISONS.	TREATMENT.*
Arsenic.	(Sulphas Zinci. Sinapis Pulvis. Ipecacuanha.) The stomach-pump. Emetics. Milk in copious draughts. Oil and lime water in equal parts. Mucilage. Flour and water. Hydrated oxide of iron, recently prepared. (*Ferri sesquioxydum* Lond. *Carbonas Ferri præcipitatis* Ed. *Ferri carbonas* Dub.)
The strong Mineral Acids. Nitric A. Muriatic A. Sulphuric A.	Magnesia, chalk, whiting, in milk or water, mucilaginous or soapy liquid in large quantities.

* In this table the primary or immediate treatment is alone, in general, noticed.

POISONS.	TREATMENT.
Oxalic Acid.	Stomach-pump. Mechanical irritation of the fauces. Magnesia, chalk, whiting, in small quantities of liquid. Muriate of lime diluted.
The strong or Caustic Alkalies. Ammonia. Potassa. Soda. Lime.	Stomach-pump. Emetics, Diluents. Demulcents. Olive oil. Diluted vinegar, lemon-juice, or citric acid, ad libitum.
Antimony, Salts of. Tartar Emetic. Butter of Antimony.	Copious draughts of warm water. Watery infusions containing gallic acid. Infusion of galls, oak bark, gentian, cascarilla, calumba, cinchona flava, kino, catechu.
Baryta. Barii Chloridum.	Alkaline sulphates. Sulphate of soda or magnesia. Stomach-pump.
Carbonas Barytæ.	Sulphate of soda or magnesia mixed with acetic acid.
Copper, Salts of. Acetate. Carbonate. Nitrate. Sulphate.	Demulcents. Albumen. Raw eggs. Flour and water. Milk, cream.

POISONS.	TREATMENT.
Iodine.	Emetics. Stomach-pump. Tepid demulcents. Flour, sago, arrow-root. ?
Lead, Salts of.	Emetics. Stomach-pump. Alkaline sulphates, especially S. magnesiæ.
Carbonate.	Sulphate of soda mixed with acetic acid.
Mercury. Salts of. Bichloride (Corrosive S.) Bicyanide. Iodide. Nitro-oxide.	Albumen, or beaten eggs in large quantity. Flour and water in stiff paste (gluten). Milk.
Nitre. *Phosphorus.*	Warm demulcents, Stomach-pump. Cold water. Magnesia, &c., as for the mineral acids.
Silver, Salts of. Nitrate (lunar caustic.)	Chloride of sodium (common salt) in large quantity of water. Stomach-pump.
Tin, Salts of. Chloride (dyer's liquid).	Stomach-pump. Emetics. Diluents. Demulcents, Milk, &c.
Zinc, Salts of. Sulphate.	Demulcents. Diluents. Milk. Albumen.

Narcotic and Narcotico-Acrid Poisons.

POISONS.	TREATMENT.
Gaseous Poisons. Carbonic acid. Sulphuretted Hydrogen. Carburetted Hydrogen.	The open air. Semi-erect position. Cold water to the face and neck, if the surface is warm. Mechanical excitement of respiration by manipulating the thorax and abdomen. Feet in hot water. V. S. cucurb. nuchæ. Flagellation. Lin. camph. comp. to chest.
Opium. Morphia, &c.	Stomach-pump. Emetics. Mechanical irritation of the fauces. External excitation. Blows on the palms and soles. Semi-erect position. Mechanical excitement of respiration. Cold affusion to the head and face. Feet in hot water. V. S. cucurb. nuchæ. Internal stimulants. Ammonia. Coffee. Vegetable acids.
Hydrocyanic Acid.	Same as in opium. Inhalation of vapor of ammonia much diluted. Cold affusion. Mixed oxides of iron, obtained by precipitating solution of green sulphate with potash.

POISONS.	TREATMENT.
Oil of Bitter Almonds.	Same as in hydrocyanic acid.
Oil and Water of Cherry-laurel.	The same.
Aconitum Napellus (Aconite.) Agaricus. Alcohol (Comatose Intoxication.) Atropa Belladonna. (Deadly Nightshade.) Cicuta Virosa, (Water Hemlock.) Conium Maculatum, (Spotted Hemlock.) Œnanthe Apfolia. Œnanthe Crocata. Cocculus Indicus. Colchicum. Digitalis. Ergota. Helleborus Niger, (Black Hellebore.)	The general treatment in poisoning by the other simple narcotics and acrid narcotics in this list, is the same as in cases of opium and hydrocyanic acid; the chief differences depending on the amount of local irritation produced, and the consequent administration of refrigerants, mild opiates, &c. Emetics, and stomach-pump. (In poisoning from *digitalis*, the recumbent posture to prevent syncope.)

POISONS.	TREATMENT.
Nux Vomica. Stramonium. Strychnine. Tobacco. Veratrum Album, (White Hellebore.)	For treatment, see pages 139, 140.

Acrid Poisons.

POISONS.	TREATMENT.
Bryonia Dioica, (Wild Vine.) *Cantharides.* *Elaterium.* *Euphorbium.*	Vomiting by ipecacuanha and irritation of the fauces. Copious use of diluents and demulcents. Opiates to relieve pain, mild cordials, &c.

II. TEMPERATURE OF BATHS.

	WATER.	VAPOR.	
	Whole Bath	Not breathed	Breathed.
Cold Bath, -	33°– 63°		
Cool Bath, - -	63°– 75°		
Temperate Bath	75°– 85°		
Tepid Bath, -	85°– 92°	96°–106°	90°–100°
Warm Bath, -	92°– 98°	106°–120°	100°–110°
Hot Bath, -	98°–106°	120°–160°	110°–130°

III. QUANTITY OF SOME OF THE STRONGER MEDICINES IN CERTAIN PHARMACEUTICAL COMPOUNDS.

1. Opium.

Confectio opii contains gr. j in gr. xxxvj.
Enema opii, gr. iss. in ℥iv.
Linimentum opii, gr. iij in ℥ss.
Pilulæ saponis compositæ, gr. j in gr. v.
Pilulæ styracis compositæ, gr. j in gr. v.
Pulvis cretæ comp. cum opio, gr. j in ℈ij.
Pulvis ipecacuanhæ compositus, gr. j in gr. x.
Pulvis kino compositus, gr. j in ℈j.
Tinctura camphoræ comp., gr. j in ℥ss.
Tinctura opii, gr. j in ♏xij.
Vinum opii, gr. j in ♏xij.
Liquor morphiæ acetatis, gr. j in ʒj.
Liquor morphiæ hydrochloratis, gr. j in ʒj.
Liquor morphiæ sulphatis U. S. gr. j in ℥j.
Liquor morphiæ sulphatis (Majend.), gr. j–ʒss.

2. Mercury.

Hydrargyrum cum creta, gr. iij in gr. viij.
Linimentum hydrargyri comp., ʒj to ʒxj.
Liquor hydrargyri bichloridi, gr. j (of hyd. bichlor.) in ℥xij.
Pilulæ hydrargyri, gr. j in gr. iij.
Pilulæ hydrarg. chloridi comp., gr. j (of calomel) in gr. v.
Pilulæ hydrargyri iodidi, gr. j (of hydrarg. iodid.) in gr. v.

Unguentum hydrargyri fortius, ʒj in ʒij.
Unguentum hydrargyri mitius, ʒj in ʒvj.

3. Arsenic.

Liquor potassæ arsenitis, gr. j in ʒiiss.
Liquor arsenici chloridi, gr. iss in ℥j.

4. Antimony.

Vin. ant. pot. tart., gr. j in ℥ss.
Unguentum ant. pot. tart., ʒj in ℥ss.

IV. PROPORTION OF DOSES ACCORDING TO AGE. (GAUBIUS.)

For an adult,

Suppose the dose to be ONE or 1 drachm.

Under 1 year	will only require	$\frac{1}{12}$	5 grains.
2		$\frac{1}{8}$	8 grains.
3		$\frac{1}{6}$	10 grains.
4		$\frac{1}{4}$	15 grains.
7		$\frac{1}{3}$	1 scruple.
14		$\frac{1}{2}$	$\frac{1}{2}$ drachm.
20		$\frac{2}{3}$	2 scruples.
21 to 60	the full dose ONE		1 drachm.

Above this age an inverse gradation must be observed.

V. CLASSIFIED LIST OF THE PRINCIPAL MINERAL WATERS.

I. *Saline aperient.*

1. Carlsbad (165°).
2. Kissingen (cold).
3. Marienbad (cold.)
4. Franzensbad (cold).
5. Cheltenham (cold).
6. Leamington (cold).
7. Scarborough (cold).

II. *Hot saline.*

1. Wiesbaden (160°).
2. Baden-Baden (153°).

III. *Hot sulphurous.*

1. Aix-la-Chapelle (130°)
2. Barèges (130°).
3. Bagnères de Luchon (130°).

IV. *Hot alkaline.*

1. Vichy (108°).
2. Mont d'Or.
3. Ems (83°-115°).
4. Töplitz (114°-122°).
5. Schlangenbad (86°).
6. Wildbad (88°-99°).

V. *Simple unmineralized, hot.*

1. Pfeffers (100°).
2. Gastein (118°).
3. Buxton (82°).
4. Bristol (74°).
5. Matlock (66°).

VI. *Simple mineralized, hot.*

1. Bath (112°-116°).
2. Pyrenees (80°-122°).

VII. *Chalybeate waters.*

1. Spa (cold).
2. Schwalbach (cold).
3. Pyrmont (cold).
4. Marienbad (cold).
5. Bruckenau and Bocklet (cold).
6. Tunbridge (cold).
7. Niton (cold).
8. Furnas (hot).

VIII. *Ioduretted and brominated.*

1. Creuznach.
2. Hall.
3. Ischl.
4. Woodhall.

WHITE SULPHUR.

		In a wine gallon.
Sulphuretted Hydrogen,	cubic inches.	2·5
Carbonic Acid,		2
Oxygen,		1·448
Nitrogen,		3·552
	Total,	9·5

		Solid contents in a pint.
Sulphate of Magnesia,	grs.	5·588
Sulphate of Lime,		7·744
Carbonate of Lime,		1·150
Chloride of Calcium,		0·204
Chloride of Sodium,		0·180
Oxide of Iron,	a trace	
Loss,		0·410
	Total,	15·276

PROF. W. B. ROGERS.

BALSTON.

Sans Souci Spring.

		In a wine gallon.
Chloride of Sodium,	grs.	143·733
Bicarbonate of Soda,		12·66
Bicarbonate of Magnesia,		39·1
Carbonate of Lime,		43·407
Carbonate of Iron,		5·95
Iodide of Sodium,		1·3
Silica,		1
	Total,	247·15

STEEL.

SARATOGA

Iodine Spring.

		Gaseous contents in a wine gallon.
Carbonic acid, - -	cubic inches.	336
Atmospheric Air, - - -		4
	Total,	340

		Solid contents in a wine gallon.
Chloride of Sodium, - - -	grs.	187
Carbonate of Magnesia, - - -		75
Carbonate of Lime, - - - -		26
Carbonate of Soda, - - - -		2
Carbonate of Iron, - - - -		1
Iodine, - - - - - -		3·5
	Total,	294·5

PROF. EMMONS.

SARATOGA.

Pavilion Spring.

		Gaseous contents in a wine gallon.
Carbonic Acid, - -	cubic inches.	359·05
Atmospheric Air, - - - -		5·03
	Total,	364·08

SARATOGA. PAVILION SPRING. (Continued.)

Solid contents in a wine gallon

Chloride of Sodium,	grs.	187·68
Carbonate of Soda,		4·92
Carbonate of Lime,		52·84
Carbonate of Magnesia,		56·92
Carbonate of Iron,		3·51
Sulphate of Soda,		1·48
Iodide of Sodium,		2·59
Alumina,		0·42
Silica,		1·16
Phosphate of Lime,		0·19
Bromide of Potassium,	a trace.	
Total,		311·71

DR. J. R. CHILTON.

UNION SPRING.

Gaseous contents in a wine gallon.

Carbonic Acid,	cubic inches.	314·16
Atmospheric Air,		4·62
Total,		318·78

Solid contents in a wine gallon.

Chloride of Sodium,	grs.	243·620
Carbonate of Magnesia,		84·265
Carbonate of Lime,		41·600
Carbonate of Soda,		12·800
Carbonate of Iron,		5·452
Iodide of Sodium, or Iodine,		3·600
Silica and Alumina,		1·570
Bromide of Potassium,	a trace.	
Total,		392·907

DR. J. R. CHILTON.

CONGRESS SPRING.

	Gaseous contents in a wine gallon	
Carbonic Acid, - -	cubic inches.	311
Atmospheric Air, - - - -		7
	Total,	318
	Solid contents in a wine gallon	
Chloride of Sodium, - - -	grs.	385
Iodide of Sodium, - - - -		3·5
Bicarbonate of Soda, - - - -		8·982
Bicarbonate of Magnesia, - - -		95·788
Carbonate of Lime, - - - -		98·098
Carbonate of Iron, - - - -		5·075
Silica, - - - - - -		1·5
Bromide of Potassium, -	a trace.	
	Total,	597·943

STEEL.

VI. SALINE DRAUGHTS.

Proportional quantities of Alkalies and Acids required for saturation.

Alkaline Carbonates.	Acids.		
	Lemon Juice.	Citric Acid.	Tartaric Acid.
20 *Grains.* ‖	*Drachms*	*Grains.*	*Grains.*
Potassæ bicarbonas,* -	3½	14	15
—— carbonas (*olim* subcarbonas),* - - -	4	17	18
Sodæ sesquicarbonas, -	4	17	18
—— carb. (*olim* subc.)†	2½	9¾	10½
Ammoniæ sesquic. (The only salt in use.) - -	6	24	25½

* When tartaric acid is employed it is necessary to add the acid to the potash solution with care; otherwise, when added in excess, the insoluble bitartrate forms.

‖ Crystallized; 16 grs. of this, when dried, yield 6 grs. of sod. carb. exsicc.

VII. *Weights and Measures.* (See pp. 15, 16.)

APPENDIX. [A. E.]

PROPRIETARY AND OTHER FORMULÆ.

ABERNETHY'S PILLS. Mass. hyd. grs. ij, ext. coloc. comp. grs. iij.

ANDERSON'S PILLS. Aloes, jalap, and ol. anisi.

ASIATIC PILL. Arsenic gr. $\frac{1}{12}$. Black pepper gr. i, pulv. acac. gr. $\frac{1}{6}$.

BALM OF GILEAD. (Solomon's.) An aromatic tincture, into which cardamoms enter.

BALSAM, FRIAR'S. Tinc. Benzoini composita.

BALSAM OF MECCA. Product of balsam of Gilead tree.

BARCLAY'S PILLS. Ext. coloc. ʒ ij, jalap resin ʒ j, sapo ʒ iss, guaiac ʒ iij, tart. ant. grs. viij, ol. junip., ol. carui, ol. rosmar. āā gtt. iv. syr. rhamni q. s. Divide in 64 pills.

BATEMAN'S PECTORAL DROPS. Tinc. castor, camphor, and opium, flavored with aniseed, and colored by cochineal.

Battley's Sedative Solut. An aqueous solution of opium, spirit is afterwards added. Dose same as laudanum.

Baynton's Plaster. Litharge plaster 16 ounces, resin 6 drachms; melt.

Black Draught. Senna ℥ ij, ginger and cloves each ʒ iij, ext. liquorice ℥ ss, boiling water Oss. Macerate 4 hours. Strain. To 21 ounces of this liquid add tinc. senn. ℥ ij, sulp. magnes. ℥ x. aq. ammon. ℥ j. An ounce and a half contains sulp. magnes. ℥ ss.

Bolus Astringens. Cubebs ℥ ss, bals. copaib. ʒ ij, sulp. ferr. ʒ j, pulv. resinæ ʒ iij. Make into boluses each 8 grains.

Boluses of Velpeau. Pulv. cubeb. ʒ vj, bals. copaiv. ʒ ij, calc. magnes. q. s. Make 36 boluses, to be taken in two days.

Brodie's Pills. Mass. hyd. ext. coloc. comp. āā ℈ j, scammon., sapo hisp. āā grs. x, ol. carui gtt. iv. Mix. Divide into 15 pills. Three at bed-time.

Burnett's Disinfectant is sol. chlorid. zinc.

Cephalic Snuff. Dried assarabacca leaves 3 parts, marjoram 1 part, lavender flowers 1 part. Rub to a powder.

Chelsea Pensioner. Guaiac ʒ i, rhubarb ʒ ij. bitart. pot. ℥ i, sulphur ℥ ij, nutmeg 1, honey 1 lb.

Chilblains, remedies for. Lin. sapo. ℥j, ol. cajeput ʒij, tinc. canth. ʒij. Mix. Also ol. tereb. ℥i, gum camph. ʒij, Goulard's ext. ʒij.

Ching's Worm Lozenges. Saffron ℥ss, water Oj, calomel 1 lb, white sugar 28 lbs. Each lozenge is to contain calomel gr. i. The brown contain cal. gr. ss, resin jalap gr. i.

Clark's Dinner Pill. Aloes grs. viij, ext. anthemidis ʒss, pulv. myrrh et pulv. rhei āā ℈j, ol. anthem. gtt. viij, mucilag. q. s. Make 20 pills. One or two before dinner.

Corn Plaster. Emp. galbani ℥j, ærug. æris ℈j; mix. Galbanum ℥j, pix nigr. ʒij, diachylon ʒij, ærug. ℈j, sal. ammon. ℈j; melt together.

Daffy's Elixir. Senna ℔ss, jalap sliced, aniseed, caraway seed āā ℥j ʒij, juniper berries ℥ijss, proof spirit Ovj. Macerate 14 days, then add molasses ℥xss, water ℔j. Mix and strain.

Dalby's Carminative. Carb. magnes. ℈ij, ol. menth. pip. ♏j, ol. myristic ♏ij, ol. anisi ♏iij, tinc. castor ♏xxx, tinc. opii ♏v, spts. hedeoma ♏xv, tinc. cardam. comp. ♏xxx, aq. menth. pip. ℥xij; mix.

Depilatory. A strong solution of sulphuret of barium, made into a paste with powdered starch. Apply to hair. Let it remain five or ten minutes, and scrape off with the back of a knife.

Dinner Pill. (Lady Webster Crespigny-Hesketh.) Aloes ʒvj, mastich and red rose leaves āā ʒij, syr. wormwood q. s. Div. into pills, three grains each.

Dover's Powder. Ipecac. opium and sulphat. potass.

Dupuytren's Pommade for the Hair. Beef marrow ʒxvij, nervine balsam ʒxvij, rose oil ʒij, alcoholic ext. cantharid. grs. vj.

Embrocatio contra Alopeciam. Eau de Cologne ℥ij, tinc. canth., ol. rosmarin. āā ♏x, ol. lavand. ♏x; mix.

Electuarium Hemorrhoidale. Manna ℥ij, sulp. potass., nit. potass., flor. sulph. āā ʒij, syrup q. s.; mix. Confect. senn. ℥j, sulphur ℥j, jalap. ʒj, bals. copaib. ℥ss, pulv. zinzib. ʒss, bitart. pot. ℥ss, syrup q. s.; mix.

Ervalenta. Ground beans.

Fowler's Solution. Arsenious acid, carb. potass. āā ♃iv, tinc. lavand. comp. ʒv, aq. distill. Oj.

Guttæ Antipertussicæ. Tinc. canth. and tinc. camph. comp. each ℥ss, tinc. cinch. comp. ℥v; mix. A teaspoonful three times a day in hooping-cough.

Godfrey's Cordial. Molasses ℔vij, water Oviij, tinc. opii ℥iv, rectified spirit ʒvj, oil of sassafras, ʒss; mix.

Gowland's Lotion. Corros. sub. gr. jss, emuls. bitter almonds ℥j.

GOULARD'S EXTRACT is Plumbi Diacetatis solutio.

GRANVILLE'S LOTIONS. Milder is aq. ammon. (sp. gr. 872) ʒ iv, spt. rosmar. ʒ iij, spt. camph. (℥ j to Oj,) ʒ j; mix. Stronger is aq. ammon. (sp. gr. 872) ʒ v, spt. rosmar. ʒ ij, spt. camph. ʒ j; mix.

GREGORY'S POWDER. Magnes. ℔ j, ginger ℥ ij, rhubarb ℥ iv; rub thoroughly. Dose ℈ j, ʒ ss, in gout, &c.

GRIFFITH'S MIXTURE. Pulv. myrrh ʒ j, carb. potass. gr. xxv, aq. rosar. ℥ vijss, sulp. ferri ℈ j, spt. nuc. myrist. ℥ ss, sacch. alb. ℥ j.

HARLEM OIL. Linseed oil 1 quart, resin 2 ℔s, sulphur 1 ℔, boil slowly and add oil turpentine 1 pint, and 50 drops liquor ammon.

HOFFMAN'S ANODYNE. Sulphuric ether ℥ viij, rectif. spirits ℥ xvj, ethereal oil ʒ iij.

HOOPER'S PILLS. Pil., aloes cum myrrh. sulph. ferr. canella, ivory black.

HUXHAM'S TINCTURE. Tinc. cinchon., comp.

HOPE'S MIXTURE. ℞j. acid nitric. gtt iv, tinc. opii gtt xl. mist. camph. ℥ iv. Dose, a tablespoonful every three or four hours. For dysentery.

JAMES' POWDER. Prepared sulphuret of antimony 1 part, hartshorn shavings 2 parts.

LABARRAQUE'S SOLUTION. Carb. sod. ℔ j, aq. distill. ℥ xlviij, chlorid. sodium ℥ iv, binox. manganese ℥ iij, sulp. acid ℥ iv.

Lee's Antibilious Pill. Aloes ℥ xij. scammon. ℥ vj, gamboge ℥ iv, jalap ʒ iij, calomel ʒ v, soap ℥ j, syr. of buckthorn ℥ j, mucilage ℥ vij. Mix and divide into 5 grain pills.

Lugol's Solution. Iodine ♁ j, iodide potass. ♁ ij, aqua ʒ vij.

Morrison's Pills. Aloes, gamboge, and cream of tartar.

Nouffleur's remedy for Tape Worm. Three drachms of the powdered root of male fern. Two hours after take a bolus of cal. scammon. and gamboge.

Pile Ointment. Ung. cetacei ℔ 1½. pulv. opii ʒ ij, pulv. gall ℥ iv, Goulard's ext. ʒ ij, acet. plumb. ʒ iv. Mix. Ung. stramon. ℥ j, pulv. opii grs. x, Goulard's ext. ʒ j; mix.

Plunket's Caustic. Upright crowfoot, lesser spearwort āā ℥ j, white arsenic ʒ j, sulphur ♁ v. Make a paste.

Pate Arsenicale. Cinnabar grs. 70, dragon's blood grs. 22, arsenious acid grs. 8. Make into a paste with saliva at time of applying.

Peter's Pills. Aloes, jalap, scammony, gamboge āā ʒ ij, calomel ʒ j.

Plummer's Pills. Calomel; oxysulphuret of antimony āā ʒ ij, pulv. guaiac ℥ ss, molasses ʒ ij.

Recamier's Caustic. Chloride of gold grs. vj, aq. regia ℥ j; mix.

ROCHE'S EMBROCATION FOR HOOPING COUGH. Olive oil ℥ ij, oil of cloves ℥ j, oil of amber ℥ j.

RUFUS' PILLS. Aloes 4 parts, myrrh 2 parts, saffron 1 part. Make into a mass with conserve of roses.

RUSPINI'S STYPTIC. Sulp. ferri (calcined) ʒ ij, spir. vin. gallic. Oj, mix. Also said to be a solution of gallic acid in spirit scented with rose.

STEER'S OPODELDOC. Castile soap ℥ j, rectified spirit ℥ viij, camphor ʒ iijss, oil of rosemary ʒ ss, oil of thyme ℥ j, solut. of ammon ʒ vj.

ST. JOHN LONG'S LINIMENT. (IMITATION OF.) Acet. acid. fort. ℥ ss, spts. tereb. ℥ iij, aq. rosar. ℥ ijss, ol. limon. gtt. x, vitelli ovi q. s.

STOKE'S EXPECTORANT. Decoct. polyg. seneg. ℥ v, syr. tolu ℥ ss, elix. pareg. and tinc. scill. āā ʒ iij, and cardamom grs. xv; mix.

SYDENHAM'S LIQUID LAUDANUM. Opium ℥ iv, saffron ℥ iss, cloves, cinnamon āā ʒ ij, Madeira wine ℥ xxxviij; mix.

SWAIM'S PANACEA. Sarsaparilla root 20 ℔s, yellow dock root 10 ℔s, pipsissewa root 10 ℔, sassafras root (bark of) 1 ℔, water 20 gallons. Boil to 10 gallons. Strain and convert into a syrup by adding honey and sugar each 4 ℔s. Corrosive sublimate is said to be added sometimes.

TASTELESS WORM MEDICINE. Santonine ʒ j, sugar ℥ v, gum tragac. ʒ ss. Make into 144 lozenges. A child 5 to 10 daily.

Toothache Tincture. Tannin ℈j, mastich grs. v, ether ʒij.

Turner's Cerate. Calamine 1 part, ung. simp. 5 parts; mix.

Ward's Headache Essence. Camphor ℥ij, rectified spirit ℥xiv, sal ammon. ℥ij, oil of lavender ℥ss; mix.

Ward's Paste for Piles. Confectio piperis nig.

Warwick's, Earl of, Powder. Scammony ℥iv, burnt hartshorn ℥iij.

DIET FOR THE SICK.

ARROW-ROOT MUCILAGE.

This mucilage is made by rubbing the arrow-root powder with a little cold water, in a basin, by means of the back of a spoon, until it is completely mixed with the water; then pouring boiling water over it, at the same time stirring it assiduously until a soft, gelatinous, tenacious mucilage is formed; and, lastly, boiling it for five minutes. A tablespoonful of the arrow-root powder is sufficient to make a pint of the mucilage. It may be moderately sweetened, and rendered more palatable by the addition of a little lemon juice; but cinnamon powder, or any astringent substance, precipitates the starch and destroys the smoothness of the mucilage: hence, if wine be ordered with it, port wine should not be used.

MUCILAGE OF SAGO.

To make sago into a proper mucilage for the sick, an ounce or a tablespoonful of it should be macerated in a pint of water, in a pan placed on the hob, or on a hot plate, for two hours, and

then boiled for fifteen minutes, stirring assiduously during the boiling. The mucilage may be sweetened with sugar, and flavored with lemon juice, or milk may be added to it according to circumstances. Like other farinaceous mucilages, it affords very little nourishment; and is, therefore, well adapted for invalids laboring under acute diseases.

MUCILAGE OF TAPIOCA.

The mucilage of tapioca is prepared in the same manner as that of sago, and with the same proportions of tapioca and water; but tapioca is more soluble than sago, and consequently, it requires only half the time for its maceration and boiling. It forms a semi-opaque mucilage, which may be sweetened and flavored in the same manner as sago.

GRIT GRUEL.

Take three ounces of grits, wash them well in cold water, and, having poured off the fluid, put them into four pints of fresh water, and boil slowly until the water be reduced to one half; then strain the whole through a sieve, to separate the mucilage from the undissolved part of the grits.

OATMEAL GRUEL.

Take two ounces of oatmeal, free from mustiness, and a pint and a half of soft water. Rub the meal in a basin with the back of a spoon, in

a moderate quantity of water, pouring off the fluid after the grosser particles have subsided, but whilst the milkiness continues; and let this operation be repeated until no more milkiness is communicated to the water. Next, put the washings into a pan, after having stirred them well in order to suspend any fecula which may have subsided, and boil until a soft thick mucilage is formed.

MUCILAGE OR JELLY OF ICELAND MOSS.

It contains a bitter principle, which is useful as a medicinal agent in some diseases; but from which it should be freed when it is to be employed as diet. This is to be effected by pounding the dried lichen, and soaking it for twenty-four hours in tepid water containing a small quantity of carbonate of soda, and then pressing it forcibly in a coarse cloth; after which, if any bitterness remain, the process must be repeated.

The lichen thus treated, is next to be put into water, in the proportion of an ounce to a quart of water, then slowly boiled down till one half of the fluid is evaporated, and lastly, strained through a sieve.

MUCILAGE OF RICE.

Take one ounce of good Carolina rice, and having washed it, macerate it for three hours in a quart of tepid soft water, in a pan placed upon the hob; then boil the whole slowly for another hour, and strain through a sieve.

This mucilage may be sweetened and acidulated, or mixed with milk in the same manner as the other feculaceous mucilages. It forms an excellent demulcent diet for the sick, especially in irritable conditions of the intestinal canal, and in diarrhœa; but it is a mistake to suppose that it possesses any astringent property.

GROUND RICE MILK.

Take a tablespoonful of ground rice, a pint and a half of milk, and half an ounce of candied lemon peel. Rub the rice smooth with the milk, then add the lemon peel, cut into small pieces; boil for half an hour, and strain whilst the milk is hot.

This is an excellent, nutritious beverage for the sick, when strict abstinence is not required; and for early convalescence.

SIMPLE BREAD PANADA.

Put any quantity of grated stale bread into enough of water to form a moderately thick pulp, cover it up and leave it to soak for an hour; then beat it up with two tablespoonfuls of milk and a small portion of refined sugar, and boil the whole for ten minutes, stirring all the time.

This may be eaten by the sick laboring under any disease in which abstinence is not strictly enjoined.

BEEF TEA.

Take half a pound of good rump steak, cut it into thin slices, and spread these in a hollow dish; sprinkle a little salt over them, and pour upon the whole a pint of boiling water. Having done this, cover the dish with a plate, and place it near the fire for an hour; then throw the sliced beef and water into a pan, cover it and boil for fifteen minutes; after which throw the whole contents of the pan upon a sieve, so as to separate the beef tea from the meat.

The quantity of water directed to be used is too little for the strength of the beef tea usually proper for invalids; but it is sufficient to extract all the soluble matter of the beef, and the tea can be reduced to the strength required by the addition of boiling water.

CHICKEN TEA.

Take a small chicken, free it from the skin and from all the fat between the muscles; and, having divided it longitudinally into two halves, remove the whole of the lungs, the liver, and everything adhering to the back and the side bones. Then cut it, bones and muscles, by means of a strong, sharp knife, into as thin slices as possible; and, having put these into a pan with a sufficient quantity of salt, pour over them a quart of boiling water; cover the pan, and simmer with a slow fire for two hours; lastly, put the pan upon the hob for half an hour, and strain off the tea through a sieve.

VEAL TEA.

This may be made in the same manner as beef tea, using a pound of fillet of veal, freed from fat and sliced, and a pint and a half of boiling water, and boiling for *half an hour* instead of fifteen minutes. It may also be made with the same quantity of the fleshy part of a knuckle of veal.

By boiling down the knuckle of veal tea whilst the meat is in it to one half and straining, the decoction gelatinizes, and when it is poured into small cups it will keep good for several days. By adding an equal quantity, or more, of boiling water to a cupful of this jelly, a moderate quantity of veal tea for one individual is prepared in two minutes.

MUTTON TEA.

This is prepared with a pound of good mutton, freed from the fat and cut into thin slices, and a pint and a half of boiling soft water poured over it, in the same manner as for beef tea; but it requires to be boiled, after the maceration, for half an hour before it is strained through a sieve.

If the invalid desire the addition of barley, an ounce of good pearl barley washed and macerated in boiling water for an hour may be boiled with the mutton tea, and the undissolved barley separated on straining.

TURTLE SOUP.

Plain turtle soup, made from the green turtle, Chelonia Mydas, without wine or spices, is sold

in pots, and requires only the addition of water to reduce it to a proper consistence for the use of the sick and convalescent. It is extremely nutritious and of very easy digestion; but it should be given only in small quantities, at moderate intervals. In cases of great debility, the consequence of long continued chronic diseases, either wine or brandy may be added to the soup; but the propriety of such an addition and the quantity requisite in each case, must be left to the judgment of the medical attendant.

TOAST WATER.

Toast thoroughly, but not to a cinder, half a slice of a stale quartern loaf, put it into a jug, and pour over it a quart of water, which has been boiled and cooled; and, after two hours, decant the water from the bread. A small piece of orange or of lemon peel put into the jug at the same time as the bread, is a great improvement to toast water.

The toast in this case communicates taste and color to the water without affecting its diluent properties. The reason for employing water which has been boiled is to bring the fluid as near as possible to the state of distilled water.

Toast water may be used *ad libitum* in every febrile affection. It diminishes the heat of the mouth, the throat, and the stomach; and, by sympathy, that of the whole body.

APPLE TEA OR WATER.

Slice two large, not over ripe apples, and pour over the slices a pint of boiling water. After an

hour, pour off the fluid, and, if necessary, sweeten with a moderate quantity of refined sugar.

BARLEY WATER.

Simple Barley Water.—Take two ounces and a half of pearl barley, and four pints and a half of soft water. Wash first the barley with cold water, to remove from it every foreign matter, and then pour upon it half a pint of the water, and boil for fifteen minutes. Throw this water away; and, having heated the four remaining pints of the fluid, pour them upon the barley, and boil down to two pints, and strain.

Compound Barley Water.—"Take two pints of simple barley water; two ounces and a half of figs, sliced; five drachms of liquorice root, sliced and bruised; two ounces and a half of raisins, and a pint of soft water. Boil down to two pints and strain."

These decoctions are not only good demulcent diluents, but in cases where a very moderate degree of nutriment is not objectionable, they answer the purpose of diet.

Simple barley water, when mixed with an equal quantity of milk and a small portion of refined sugar, is a good substitute for the breast milk, for infants who are attempted to be brought up with the spoon.

When an ounce of gum is dissolved in a pint of simple barley water, an excellent beverage is formed for cases of strangury from blistering plaster, and in gravel.

LINSEED TEA.

Take an ounce of linseed, not bruised; two drachms of liquorice root, bruised; and one pint of boiling soft water. Place the jug containing these ingredients, covered, near the fire for four hours, and then strain through linen or calico.

The mucilage resides in the husk, and the fixed oil in the kernel of the linseed; and, therefore, the seeds ought not to be bruised. When linseed is boiled, the fixed oil is extracted, and renders the decoction both nauseous and stimulant.

Linseed tea is a useful demulcent drink in coughs and affections of the urinary organs; but it should be made daily, as it soon gets ropy and spoils.

RENNET WHEY.

Infuse a moderate sized piece of rennet in a sufficient quantity of boiling water to abstract all the soluble matter; separate the fluid, and stir a tablespoonful of it into three pints of milk; cover up the mixture with a clean cloth and place it before the fire until it forms a uniform curd. Divide this curd with a spoon, and, pressing it gently, separate the whey.

Good whey should be nearly transparent, of a pale straw-yellow color, and should have a sweetish taste. It constitutes ninety-two parts in one hundred of the milk, and, besides water, contains sugar of milk and some salts. It is an excellent diluent in febrile affections. When

boiled down to one half, it proves nutritive as well as diluent.

WHITE WINE WHEY.

Take two thirds of a pint of good milk, and dilute it with as much water as will make up the pint. Take two glasses of sherry wine, or any other good white wine, and a dessert spoonful of Muscovado sugar.

Place the milk and the water in a deep pan upon the fire, and watching the moment when it boils, which is known by a scum rising to the edge of the pan, pour into it the wine and the sugar, and stir assiduously, whilst it continues to boil for twelve or fifteen minutes. Lastly, strain the whey through a sieve.

This is an excellent mode of administering wine in small quantities in low fevers, and in cases which demand a moderate degree of excitement. It may be drunk either cold or tepid, in a wine-glassful at a time.

MUSTARD WHEY.

Take half an ounce of bruised mustard seeds and one pint of milk, boil them together until the milk is curdled, and strain to separate the whey.

This whey has been found to be a useful drink in dropsy: it stimulates the kidneys, and consequently augments the urinary secretion. It may be taken in a teacupful at a time.

EGG BRANDY.

Take four ounces of French brandy, four ounces of cinnamon water, the yolks of two eggs, half an ounce of purified lump sugar, and two drops of oil of cinnamon. Mix the yolks of the eggs first with the water, the oil, and the sugar, agitating assiduously; and then add the brandy by little at a time, until a smooth fluid is formed.

This is an excellent mode of administering brandy in the sinking stage of typhus and other low fevers.

BOILED FLOUR AND MILK.

Knead any quantity of wheaten flour with water into a ball, and tie the whole firmly in a linen cloth; put it into a pan with water and boil it slowly for twelve hours. Place it before the fire to dry; and afterwards, on removing the cloth, separate a thick skin or rind which has formed, and again dry the ball.

A tablespoonful or more of this grated and boiled with a pint of milk forms an excellent article of diet in convalescence from diarrhœa or from dysentery, and in emaciations.

ARROW-ROOT PUDDING.

Take a tablespoonful of arrow-root powder, rub it with a little cold water in the same manner as in making the mucilage, and add to it, stirring assiduously, a pint of boiling milk. With this mucilage mix the contents of one egg and three teaspoonfuls of powdered refined sugar,

which have been previously beaten up together. The pudding, thus formed, may be baked, or it may be boiled in a basin.

This is an excellent pudding for the early stage of convalescence; for a more advanced period, a tablespoonful of Scotch orange marmalade is a good and an agreeable addition to this pudding.

OATMEAL PORRIDGE.

Sprinkle into a pint of water, kept boiling, small quantities of oatmeal, at short intervals, stirring assiduously, until a moderately consistent mixture is formed; and continue to boil afterwards for half an hour.

Oatmeal porridge, eaten with milk, is a moderately nutritive diet, well adapted for early convalescence, when there is no dyspeptic tendency. When the stomach is deranged, it is apt to prove acescent, and is improper.

CHICKEN BROTH.

When chicken tea, made as directed at page 163, is boiled down to one half, with the addition of a little parsley or celery, and the yolk of an egg previously beaten up in two ounces of soft water, it forms a soup much relished by the convalescent. It may be rendered still more palatable by the addition of some properly boiled rice, or vermicelli, or maccaroni; and by the addition of three or four grains of cayenne pepper to a pint of the broth.

INDEX.

	Page
Absinthium	38
Acacia	56
Acetosella	97
Acetum	96
colchici	36
cantharidis	120
destillatum	96
opii	81
scillæ	64
Acidum benzoicum	30
aceticum	96
arsenicum	109–136
citricum	97
gallicum	42
hydrochloricum	110
hyd. dilutum	97–110
nitric. dilutum	97–110
hydrocy. dilut.	73
sulph. dilut.	42–97–111
tannicum	42
tartaricum	97
Aconitina	74
Aconitum	73
Acorus	38
Acrid poisons	136
Æther sulphuricus	100
Alcohol	101
Allium	70–119
Aloes	38
extractum	ib.
Althæa	56
Alumen	42
exsiccatum	43
Ammonia	18–98
Ammoniacum	29–70
Ammoniæ sesquicarbonas	18–53–66–102
Amygdala amara	56
dulcis	ib.
Amylum	57
Anethum	49
Anisum	ib.
Anthemis	39–66
Antimonii pot. tart.	53–66–70
Apocynum	59
Aqua anethi	49
aurantii	40
camphoræ	30
carui	50
cinnamomi	35
fœniculi	50
menthæ piperitæ	51
pulegii	52
viridis	ib.
pimentæ	37
Argenti nitras	120
Armoracia	103
Arsenic	136
Asarum	70
Aspidium	27
Assafœtida	29
Atropia	75
Aurantii cortex	39
Aurantium	39
Avena	57
Balsamum peruvianum	70
tolutanum	71
Barii chloridum	21
Baths	141
Belladonna	74
emplastrum	ib
extractum	ib
Benzoinum	30
Bismuthi trisnitras	111
Borax	43
Brandish Solution	20
Brominium	21
Cajuputi oleum	103
Calamina præparata	134
Calumba	114

Page
Calx 18
Cambogia 85
Camphora 75
Canella 34
Cannabis 76
Cantharis 60
Capsicum 34–121
Cardamine..... 31
Cardamomum 34
Carui 46–49
Caryophylli oleum 35
Caryophyllus ..... ib
Cascarilla 40
Cassia 85
Castoreum 31
Cataplasma allii 119
aluminis 119
carbonis ligni..... 120
conii 119
dauci 120
fermenti 120
lini..... 119
sinapis..... 119
Catechu..... 43
Caustics, Vesicants, &c.. 120
Ceratum 122
calaminæ ..... ib.
cantharidis..... 120
cetacei 122
hydrargyri composit. 124
plumbi acetatis.....
comp.....122–124
resinæ 123
sabinæ 121
Saponis 122
Cetaceum 67
Cetraria ..... ib.
Chimaphila 60
Cinchona 115
Cinnamomum..... 35
Colchicum 86
Collodion 127
Collyria 125
Colocynthis 87
Confectio amygdalæ ... 57
aromatica 36
aurantii 39
cassiæ 86
opii 79

Page
Confectio piperis nigri.. 77
rosa canina..... 39
gallicæ 49
rutæ 69
scammonii 93
sennæ 94
Conium 76
Contrajerva 36
Copaiba 71
Coriandrum 50
Corrosive and irritant
poisons 136
Counterpoisons ..... ib.
Court Plaster 127
Creosoton 103
Creta præparata 18–134
Crocus..... 31
Cubeba 36
tinctura ..... ib.
Cupri ammonio-sulphas.
..... 29–112
sulphas 44–67–212
Cusparia 40
Cydonia 53
Cyminum 50
Daucus ..... ib.
Decoctum aloës comp .. 84
Decoct. calumb. comp.. 115
amyli 57
apocyni 60
cetrariæ ..... ib.
chimaphilæ 60
cinchonæ 115
cydoniæ 53
dulcamaræ 54–61
granati 41
hematoxyl..... 45
hordei 53
comp ..... ib.
malvæ com. 59
papaveris 132
pareira 62
quercus 47
sarzæ 26
compositum .... ib.
scoparii compositum 64
senegæ 55–64
tarax..... 65
tormentillæ 48

Page
Decoct. ulmi..... 48
uvæ ursi 43–66
Digitalis 60
Diosma 54
Doses, proportion of, according to age 143
Donovan's solution 110
Dulcamara 57–61
Eau de luce 103
Effervescing powders .. 100
Elaterium 87
Emplastrum ammoniaci 126
cum hydrarg ... ib.
belladonnæ 127
cantharidis 111
ceræ 127
cumini 126
galbani 126
hydrargyri ..... ib.
opii 127
picis 126
plumbi 127
saponis ..... ib.
Emp. ferri 127
Endermic method 129
Emp. potass iod. 127
Enema aloës 83–128
catharticum 128
colocynthidis 80–128
emolliens 129
fætidum 128
opii 128
rutæ 128
tabaci ..... ib.
terebinthinæ 96–128
Ergota 68
Euphorbium 121
Extractum aconiti 73
Extr. aloës purificatum . 85
cinchonæ 116
colchici aceticum ... 87
cormi ..... ib.
colocynthidis 87
compositum ... ib.
conii 77
elaterii 87
gentianæ 118
glycyrrhizæ 58
hæmatoxyli 45

Page
Extr. hyoscyami 77
jalapæ 89
krameria 46
lactucæ 78
lupuli 41
opii purificatum 79
nux vom 78
papaveris 81
pareiræ 62
rhei 92
sarzæ 26
stramonii 82
taraxaci 65
uvæ ursi 48–66
Ferrum 44
Ferri carb. cum sacch ... 113
Ferri ammon.-chloridum 112
iodidum 25–113
potassio-tartras 113
sesquioxidum 112
sulphas 113
Ficus 58
Fœniculum 50
Gallæ 44
Galbanum 31–71
Gargles 129
Gentiana 117
Geoffroyæ 27
Glyclyrrhiza 58
Granatum 27–45
Guaiacum 54
Hæmatoxylum 45
Helleborus 88
Hive syrup 72
Hoffman's anodyne 101
Hordeum 58
Hydrarg. ammon-chlorid. 28
Hydrargyri bichloridum. 22
biniodidum 23
bisulphuret 23
chlorid. 88
chloridum 22
iodidum 23
nitrico-oxidum 123
oxidum 22
sulph. cum sulphure 23
ung. cerat. &c..... 124
Hydrargyrum 22–88
cum creta 22–88

Page
Hyoscyamus 77
Jalapa 89
Juniperus 61
Imperial 95
Infusum anthemidis ...39–66
armoraciæ composit 103
aurantii composit .. 39
calumbæ 115
caryophylli 36
cascarillæ 40
catechu comp. 44
cinchonæ 115
cuspariæ 40
digitalis 61
diosmæ 54
gentianæ composit .. 117
lupuli 41
quassiæ 118
krameriæ 46
pareiræ 62
rhei 92
rosæ comp. 47
sennæ compositum . 94
serpentariæ 104
lini comp. 50
Inhalation..... 132
Injections 128
Inula 36
Iodinium..... 24
Ipecacuanha 55–67
Kino 45
Krameria 46
Lactucæ extractum..... 77
Lavandula 50
Laurus..... 51
Limones 41–98
Linimentum ammoniæ .. 131
ammon. sesquicarb.. ib.
compositum .... ib.
calcis 133
camphoræ 132
compositum .... ib.
crotonis 132
æruginis 133
hydrargyri comp..... 132
opii 133
saponis 132
terebinthinæ ..... ib.
Linum 58

Page
Liquor alumin. comp..40–133
ammoniæ 18–101–131
acetatis 53–98
citratis 53
sesquicarbonatis. 18
ammon. cit. 53–99
arsenic chlorid..... 109
calcii chlorid.....21–112
calcis 18–133
cupri ammon.-sulph . 133
hydrarg. bichloridi .. 22
linlment. ammoniæ . 131
morph. sulph. 80
opii sedativ 81
plumbi diacetatis.... 132
dilutus..... ib.
potassæ 19
effervescens 20
arsenitis 110
carbonatis.....20–62
potassii iodidi comp. 25
sodæ effervescens .. 20
Lobelia 67
Lotio ammoniæ hydroc.. 120
flava 133
hydrocyanica..... ib.
nigra..... ib.
Lugol's solution 25
Lupulus 41
Magnesia 19–89
Magnesiæ carbonas..... ib.
sulphas 90
Majendie's solut..... 81
Malva 59
Manna 90
Marrubium 71
Mastiche 32
Mel boracis 43–118
rosæ 47
Mentha piperita 51
pulegium ..... ib.
viridis 52
Menyanthes 108
Mezereon 121
Mezereum 55
Mineral waters, classified list of 145
Mistura acaciæ..... 56
ammoniaci 29

Page
Mistura amygdalæ 57
assafœtidæ..... 28
camphoræ 30–75
cascarillæ composita. 40
creosote 103
cretæ..... 19
ferri composita..... 114
gentianæ composita. 117
guaiaci..... 54
moschi..... 32
spiritus vini gallici .. 101–104
Mora 80–98
Morrhuæ oleum 25
Morphiæ acetas 80
hydrochloras..... ib.
Moschus 32
Moxas..... 121
Mucuna 27
Myristica 36
Myrrha..... 71
Nux vomica 78
Oleum absinthii 38
amygdalæ 57
aurantii 40
anisi 49
anthemidis 39
cajaputi 103–132
carui 49
caryophylli..... 32
cinnamomi 36
juniperi 61
lavandulæ..... 50
limonum 41
menthæ piperitæ 51
pulegii ..... ib.
viridis 52
myristicæ 37
origani 52
pimentæ 34
ricini..... 92
rosmarini 52
succini 31
terebinthinæ 27–65–96
tiglii 96
Olibanum 32
Opium 78
Opoponax 32
Origanum 52
Oxymel 59
scillæ 64
Papaver 81
Pareira..... 62
Petroleum 32
Pilulæ alöes compositæ . 84
cum myrrha .... ib.
Pilulæ aloes 83
aloes et ferri 84
cambogiæ comp....84–85
coloc. c. 84
conii compositæ 77
ferri compositæ 114
galbani compositæ .29–31
hydrargyri 22–88
iodidi 23
chloridi comp. .22–88
ipecac. compositæ .55–80
ipec. cum scilla 64
rhei compositæ..... 92
saponis compositæ.. 78
sagapeni comp..... 33
scillæ compositæ ... 63
styracis comp.. ...72–79
Pimenta 37
Piper longum 37
nigrum.....37–121
Plumbi acetas 64
iodidum 25
Plumbum 46
Plummer's pill..... 22
Poisons 136
Potassæ acetas.....62–90–98
bicarbonas 20–62
bitartras.....91–99
carbonas 20–62
chloras..... 63
nitras 63–99
sulphas 90
tartras 63–90
hydras 120
Potassa cum calce ..... ib.
Potassi bromidum 21
iodidum 24
Pruna 91
Pulvis alöes compositus. 83
antimonii comp..... 53
cinnamomi comp.... 35
cretæ compositus...18–80

Page
Pulvis cretæ cum opio .. 19
jalapæ compositus .. 89
ipecacuanhæ comp. 55-79
kino compositus....45-80
rhei comp. 92
scammonii comp..... 93
tragacanthæ comp... 59
Quassia 118
Quercus 47
Quinæ disulphas 116
Rhamnus..... 91
Rheum..... ib.
Rhei pulvis 92
Rosa canina 99
centifolia..... 93
gallica 47
Rosmarinus 52
Rumex.. 99
Ruta 69-121
Sabina 69
Sagapenum 33
Saline draughts..... 149
Sapo 20
Sarza 26
Sassafras 55
Scammonium 93
Scilla 63
Scoparius 64
Seidlitz powders..... 95
Senega 55
Senna 93
Serpentaria 104
Sherry Wine ..... ib.
Sinapis 38-63
Sodæ acetas 95
carbonas 20
exsiccata..... ib.
phosphas..... 94
potassio-tartras ..... ib.
sesquicarbonas..... 20
sulphas 95
Sol. Atrop..... 75
Sol. Morph. Bimecon.... 81
Spigelia..... 28
Spiritus ætheris nitrici .. 64
sulph. com..... 101
ammoniæ aromaticus 102
fœtidus.....30-102
anisi 49

Page
Spiritus armoraciæ com.. 103
carui 49
cinnamomi 36
juniperi compositus . 61
lavandulæ..... 50
menthæ piperitæ.... 51
menthæ pulegii ..... ib.
viridis 52
myristicæ 37
pimentæ ..... ib.
rectificatus 101
rosmarini 52
tenuior..... 101
vini gallici. 101-104
Stannum 28
Stramonium 82
Strychnia 78
Styrax 72
Succinum 33
Succ. Limon 98
Sulphur 56-95
Syrupus althææ..... 56
aurantii 40
limon 98
mori ..... ib.
papaveris 82
rhamni 91
rosæ 93
sarzæ 26
comp 26
scillæ comp 72
sennæ 94
tolutanus..... 71
zinziberis 38
Tabacum 65
Tamarindus 95
Taraxacum..... 65
Tela vesicatoria 120
Terebinthina.....65-95
canadensis ..... ib.
chia 65
vulgaris..... ib.
Testæ præparatæ 19
Tiglii oleum 96
Tinctura aloës 35
Tinctura aloës comp..... ib.
ammoniæ composita. 102
assafœtidæ 29
atropia..... 75

Page
Tinctura aurantii 39
balsami tolutani 71
bellad. 74
benzoini composita.. 30
calumbæ 115
camphor 75
camph. comp....30-76-79
cantharidis..... 60
capsici 34-130
cardamomi..... 34
composita..... ib.
cascarillæ 40
castorei 31
catechu 44
cinchonæ..... 116
composita..... ib.
cinnamomi 35
composita..... ib.
colchici 86
composita..... ib.
conii 76
cubebæ 36
digitalis..... 61
ferri ammon.-chlor... 113
ferri sesquichlor. 113
gallæ.....44-131
gentianæ compositæ. 117
guaiaci 54
composita..... ib.
hellebori 88
hyoscyami 77
iodini comp..... 24
jalapæ 89
kino.....46-131
lavandulæ composita 50
limonum 41
lupuli ..... ib.
myrrhæ 72-131
nux vom..... 78
opii..... 79
rhei composita 92
rosa 47
scillæ 63
sennæ composita.... 94
serpentariæ 104
stramon. 82
valerianæ 33
composita..... ib.
zinziberis 38

Page
Tormentilla 48
Toxicodendron 92
Trochisci morph..... 80
Tragacantha 59
Unguentum ant. pot. tart. 121
aconitinæ 125
belladonnæ ..... ib.
cantharidis 121
cetacei..... 122
creasoti 123
elemi ..... ib.
gallæ comp..... ib.
hydrargyri ammonio. ib.
biniodidi 124
fortius ..... ib
iodidi ..... ib
iodini ..... ib
compositum..... ib
mitius ..... ib
nitratis 12
nitrico-oxidi..... ib
mezerei 12
picis liquidi 123
nigri ..... ib.
Unguentum plumbi com. 124
iodidi ..... ib.
sambuci..... 122
sulphuris..... 124
comp..... 125
veratri ..... ib.
veratriæ ..... ib.
zinci 123
Uva ursi 48
Valeriana 33
Veratria..... 68
Veratrum 68-82
Vinum aloes 85
antimonii pot. tart..53-67
colchici..... 86
ipecacuanhæ 55-67
opii 74
veratri 68-82
xericum 104
Weights and Measures.. 15
Zinci oxydum 114
acetas 48
sulphas. 48-68-114
Zinziber 38

APPENDIX.

	Page
PROPRIETARY FORMULÆ	151
Abernethy's Pills	ib.
Anderson's Pills	ib.
Asiatic Pill	ib.
Baldness, remedy for	154
Balm of Gilead	151
Balsam, Friar's	ib.
of Mecca	ib.
Barclay's Pills	ib.
Bateman's Pector. Drops	ib.
Battley's Sedative	81-152
Baynton's Plaster	152
Black draught	ib.
Bolus astringens	ib.
of Velpeau	ib.
Brodie's Pills	ib.
Burnett's Disinfectant	ib.
Cephalic Snuff	ib.
Chelsea Pensioner	ib.
Chilblains	153
Ching's Lozenges	ib.
Clark's Dinner Pill	ib.
Corn Plaster	ib.
Daffy's Elixir	ib.
Dalby's Carminative	ib.
Depilatory	ib.
Dinner pill	154
Donovan's Solution	110
Dover's Powder	154
Dupuytren's Pommade	ib.
Electuary for piles	ib.
Ervalenta	ib.
Fowler's Solution	ib.
Guttæ Antipertussicæ	ib.
Godfrey's Cordial	ib.
Gowland's Lotion	ib.
Goulard's Extract	155
Granville's Lotion	131-155
Gregory's Powder	92-155
Griffith's Mixture	114-155
Harlem oil	ib
Hoffman's Anodyne	101-155
Hooper's Pills	155
Huxham's Tincture	116
Hope's Mixture	155
James' Powder	ib.
Labarraque's Solution	ib.
Lee's Pills	156
Lugol's Solution	ib.
Majendie's Solution	81
Morrison's Pills	156
Nouffleur's Remedy	ib.
Piles, ointment for	ib.
electuary for	154
Plunket's Caustic	156
Pate arsenicale	ib.
Peter's Pills	ib.
Plummer's Pills	22-156
Pills, Abernethy's	151
Anderson's	ib.
Asiatic	ib.
Barclay's	ib.
Brodie's	152
Dinner	153-154
Hooper's	155
Lee's	156
Morrison's	ib.
Peter's	ib.
Plummer's	ib.
Rufus	84-157
Recamier's Caustic	156
Roche's Embrocation	157
Rufus' Pills	ib.
Ruspini's Styptic	ib.
Steers' Opodeldoc	ib.
St. J. Long's Ointment	ib.
Stokes' Expectorant	ib.
Sydenham's Laudanum	ib.
Swaim's Panacæa	ib.
Tasteless Worm Medicine	11
Toothache tincture	158
Turner's Cerate	ib.
Ward's Headache Mix.	ib.
Ward's Paste	ib.
Warwick's Powder	ib.
Diet for Sick	159
Arrowroot	ib.
Sago	ib.
Tapioca	160
Groat gruel	ib.
Oatmeal gruel	ib.
Imperial	95

RECENTLY PUBLISHED
BY
S. S. & W. WOOD.

LECTURES ON MATERIA MEDICA AND THERAPEUTICS,

Delivered in the College of Physicians and Surgeons of the University of the State of New York, by

JOHN B. BECK, M.D.,

Late Professor of Materia Medica and Medical Jurisprudence.

"As a Text-book for the use of students we know of no better treatise."—*American Journal of Medical Science.*

"An admirable [book] for students: everything is clear and concise."—*New York Medical Times.*

DISEASES OF MENSTRUATION AND OVARIAN INFLAMMATION,

IN CONNEXION WITH

Sterility, Pelvic Tumors, & Affections of the Womb.

BY EDWARD JOHN TILT, M.D.,

Physician to the Harrington General Dispensary, and to the Paddington Free Dispensary for the Diseases of Women and Children

"The best publication on the subject."—*Boston Med. and Surg. Journal.*

"Should be read by every Practitioner."—*Brit. Am. Med. and Phys. Journal.*

LECTURES ON THE ERUPTIVE FEVERS,

As now in the course of delivery at

ST. THOMAS'S HOSPITAL, IN LONDON,

BY GEORGE GREGORY, M.D

First American edition, with numerous additions and amendments by the author, comprising his latest views; with Notes and an Appendix, embodying the most recent opinions on Exanthematic Pathology, and also Statistical Tables and four colored Plates; by H. D. Bulkley, M.D., Physician of the New York Hospital, Fellow of the New York College of Physicians and Surgeons, &c., &c.

"The very best which has yet been published."—*Northern Lancet.*

MANUAL OF DISEASES OF THE SKIN.

BY MM. CAZENAVE & SCHEDEL.

Translated from the French, with Notes and Additions, by T. H. Burgess, M.D. Revised and corrected, with additional Notes, by H. D. Bulkley, M.D., Physician to the New York Hospital, &c., &c. Second American edition.

"This is one of the best standard works on diseases of the skin."—*New Orleans Med. and Surg. Journal.*

"One of the most practical works on the subject."—*New York Medical Times.*

TEXT-BOOK OF PRACTICAL ANATOMY,

BY ROBERT HARRISON, M.D , M.R.S.A.

Prof. of Anatomy and Surgery in the University of Dublin, &c.

With additions by an American Physician.

1 vol. 8vo., with 160 engravings.

"We recommend it in the strongest terms."—*New York Journal of Medicine.*

"It is one of the very best of the numerous treatises on Practical Anatomy."

"The work is altogether such an one as every student should possess."—*Ohio Med. and Surg. Journal.*

"It might well be denominated, 'The *Library* of Practical Anatomy,' for it indeed contains all that the student can possibly require in the prosecution of his studies."—*Southern Medical and Surgical Journal.*

A Treatise on the Etiology, Pathology, and Treatment of

CONGENITAL DISLOCATIONS OF THE HEAD OF THE FEMUR.

Illustrated by Thirteen Plates. One volume, 8vo.

BY JOHN MURRAY CARNOCHAN, M.D.,

Lecturer on Operative Surgery, with Surgical and Pathological Anatomy, &c., &c.

"By far the most complete and systematic work in the English language, and the only one which contains any directions for treatment."—*Brit. Am. Med. and Phys. Journal.*

COX's COMPANION to the SEA MEDICINE CHEST, and Compendium of Domestic Medicine.

Particularly adapted for Captains of merchant vessels, Missionaries, and Colonists; with plain rules for taking the medicines; to which are added directions for restoring suspended animation, the method of obviating the effects of poisons, a plain description of the treatment of Fractures and Dislocations, and a concise account of Asiatic or Spasmodic Cholera. Revised and considerably enlarged, by R. Davis, Member of the Royal College of Surgeons. First American, from Thirty-third London edition. 12mo.

Date Due

Demco 293-5

YALE MEDICAL LIBRARY
HISTORICAL LIBRARY

T. M. Bisher